

# Converting Colors

HunterLab(93.5013, -1.1062,  
2.1559)

Have a look what the booklet for  
HunterLab(93.5013, -1.1062, 2.1559)  
contains.

<b>HunterLab(93.3892, -1.2232, 2.1710)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(93.3892, -1.2232,  
2.1710)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5EEF6
RGB	245, 238, 246
RGB Percent	96%, 93%, 96%
CMY	0.0392, 0.0666, 0.0353
CMYK	0.00, 0.03, 0.00, 0.04
HSL	292°, 31%, 95%
HSV	292°, 3%, 96%
XYZ	84.8654, 87.2154, 99.5502
YIQ	241.0050, 1.6040, 3.9720

# Conversions

## Conversions Part 2

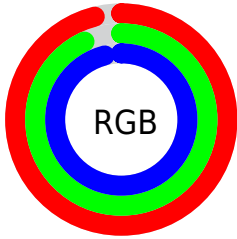
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 238, 246
Decimal	16117494
CIE Lab	94.83, 3.75, -3.03
CIE LCh	95, 4.821, 321.103
Yxy	87.2192, 0.3124, 0.3211
Android (android.graphics.Color)	4294307574 (0xFF5EEF6)
YUV	241.0050, 2.4625, 3.5036
Hunter-Lab	93.3892, -1.2232, 2.1710

# Details

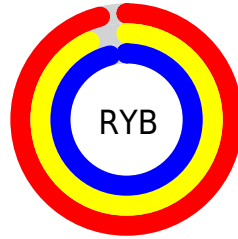
The HunterLab color  $93.3892, -1.2232, 2.1710$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $95.0987, -8.7770, 8.0121$ , and the grayscale version is  $93.7812, -5.0039, 5.0953$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $69.2766, -0.1106, 0.9933$  is the 20% darker color. If you saturate the color by 10%, you get  $85.6217, 10.9455, -7.4247$ , and if you desaturate by 10%, it is  $99.0680, -9.1646, 8.7034$ .

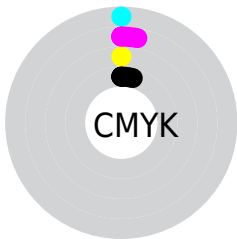
# Distribution



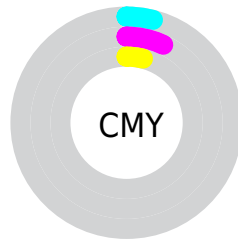
- Red (96%)
- Green (93%)
- Blue (96%)



- Red (96%)
- Yellow (93%)
- Blue (96%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 93.3892, -1.2232, 2.1710 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 93.3892, -1.2232, 2.1710 by changing the saturation by 10% instead.



93.3892, -1.2232,  
2.1710

93.3892, -1.2232,  
2.1710

227.8032, -7.1199,  
8.5090

81.0411, -0.7368,  
1.6304

119.7788, -2.3143,  
3.3648

69.2892, -0.2886,  
1.1272

133.7708, -2.9104,  
4.0111

58.1676, 0.1159,  
0.6657

148.2688, -3.5388,  
4.6890

47.7144, 0.4729,  
0.2493

163.2557, -4.1980,  
5.3969

37.9754, 0.7773,  
-0.1176

178.7161, -4.8868,  
6.1339

29.0074, 1.0225,  
-0.4293

194.6359, -5.6040,

20.8834, 1.1992,

6.8989

-0.6783

211.0022, -6.3487,  
7.6909

■ 13.7025, 1.2933,  
-0.8531

■ 7.3133, 1.8449,  
-1.3177

■ 93.3892, -1.2232,  
2.1710

■ 93.3892, -1.2232,  
2.1710

■ 85.6217, 10.9455,  
-7.4247

■ 99.0680, -9.1646,  
8.7034

■ 78.2879, 23.3661,  
-17.3822

■ 99.3538, -8.1606,  
9.0473

■ 71.4650, 35.9492,  
-27.6705

■ 99.6435, -7.1461,  
9.3948

■ 65.2438, 48.5012,  
-38.1816

■ 99.7166, -6.8908,  
9.4823

■ 59.7300, 60.6663,  
-48.6804

■ 55.0378, 71.8780,  
-58.7541

■ 51.2737, 81.3686,  
-67.8026

■ 48.5085, 88.3117,  
-75.1321

■ 46.7362, 92.1363,  
-80.1986

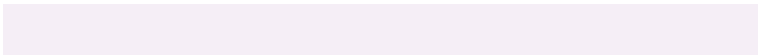
# Harmonies

## Analogous

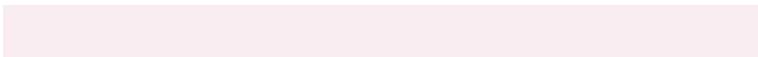
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.3912, -3.2548, 0.7254



93.3892, -1.2232, 2.1710



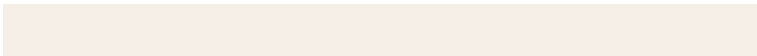
93.3912, -0.2015, 4.3750

# Triad

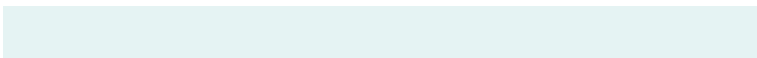
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.3912, -1.2254, 2.1726



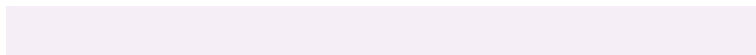
93.3912, -4.2450, 9.4804



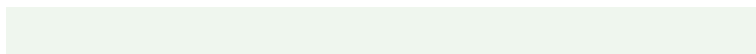
93.3912, -9.4213, 3.4257

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



93.3892, -1.2232, 2.1710



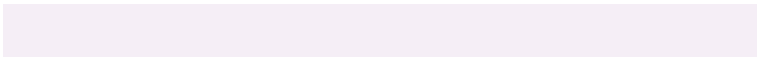
95.0987, -8.7770, 8.0121

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.3912, -9.6802, 5.7866



93.3892, -1.2232, 2.1710



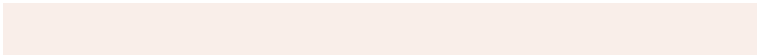
93.3912, -6.7089, 9.2413

# Square

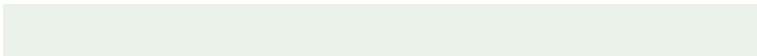
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



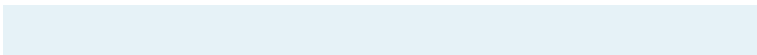
93.3912, -1.2254, 2.1726



93.3912, -1.9569, 8.5656



93.3912, -8.6922, 7.9037

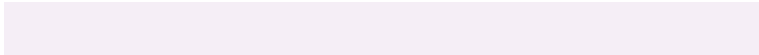


93.3912, -7.9812, 1.4620

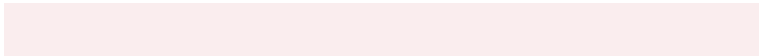


# Rectangle

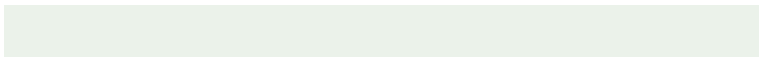
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



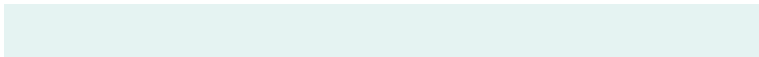
93.3892, -1.2232, 2.1710



93.3912, -0.2342, 5.9580



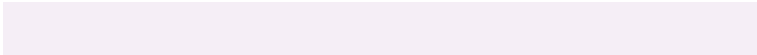
93.3912, -8.6922, 7.9037



93.3912, -9.6488, 4.2006

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



93.3912, -1.2254, 2.1726



99.1581, -4.0877, 4.4600



93.0630, -4.0755, 1.7252



45.8944, -1.9198, 2.0858

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3912, -1.2254, 2.1726



96.6554, -0.3263, 1.5190



93.3921, -1.4136, 3.6564



42.5223, 0.2640, 0.3523



33.6520, 68.1835, -60.0636



10.1202, 20.4154, -17.3696



# Inverse Universe

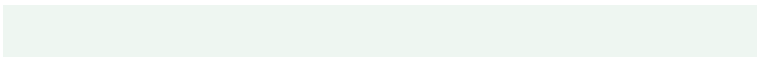
The Inverse Universe completely reimagines the original color for something new.



93.2620, -2.1222, 5.5125



96.4895, -1.4776, 5.8182



95.0988, -8.5940, 6.5959



42.4355, -0.3387, 2.6091



32.4359, 55.7417, 19.4541

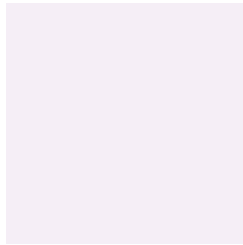


9.6707, 16.7275, 4.9606



# Previews

## White Background



This preview shows how the HunterLab color 93.3892, -1.2232, 2.1710 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

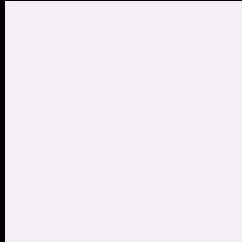
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 93.3892, -1.2232, 2.1710 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

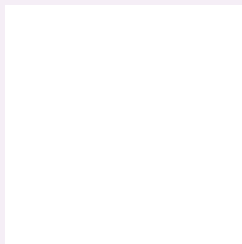
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 93.3892, -1.2232, 2.1710 Background



This preview shows how black text looks on a background with the HunterLab color 93.3892, -1.2232, 2.1710.



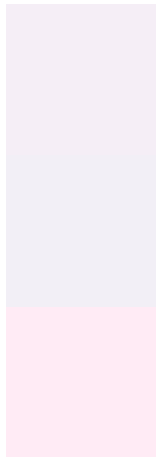
This preview shows how white text looks on a background with the HunterLab color 93.3892, -1.2232,

2.1710.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

93.3892, -1.2232, 2.1710

### Protanopia

93.4152, -2.7401, 2.1760

### Deuteranopia

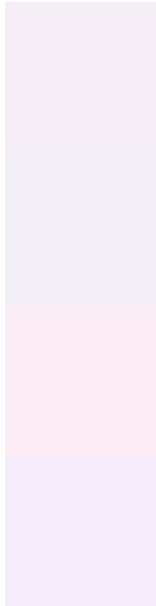
93.4180, 3.5764, 2.7992



## Tritanopia

93.4779, 1.2839, -2.3835

# Trichromacy



## Original Color

93.3892, -1.2232, 2.1710

## Protanomaly

93.5102, -2.4124, 2.2964

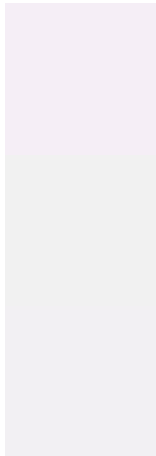
## Deuteranomaly

93.3235, 1.6746, 2.6522

## Tritanomaly

93.3753, 0.7284, -0.9272

# Monochromacy



## Original Color

93.3892, -1.2232, 2.1710

## Achromatopsia

93.7882, -5.0043, 5.0957

## Achromatomaly

93.6315, -3.8010, 3.9348

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 93.3892, -1.2232, 2.1710 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 238, 246)` looks like.

```
.text, #text, p{  
    color:rgb(245, 238, 246)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 238, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 238, 246) }
```

## Border

The CSS property to change the border of an element to HunterLab 93.3892, -1.2232, 2.1710 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 238, 246) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(245, 238, 246) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(245, 238, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 238, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 238, 246);  
box-shadow:4px 4px 4px 4px rgb(245, 238,  
246) }
```

# Background

The CSS property to change the background color of an element to HunterLab 93.3892, -1.2232, 2.1710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 238, 246) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
238, 246) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor