

# Converting Colors

HunterLab(93.8502, -13.4225,  
23.7329)

Have a look what the booklet for  
HunterLab(93.8502, -13.4225,  
23.7329) contains.

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# Color

**HunterLab(93.9464,  
-13.4242, 23.9369)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2F5C6
RGB	242, 245, 198
RGB Percent	95%, 96%, 78%
CMY	0.0510, 0.0392, 0.2235
CMYK	0.01, 0.00, 0.19, 0.04
HSL	64°, 70%, 87%
HSV	64°, 19%, 96%
XYZ	79.4634, 88.2593, 66.2736
YIQ	238.7450, 13.2990, -15.2530

# Conversions

## Conversions Part 2

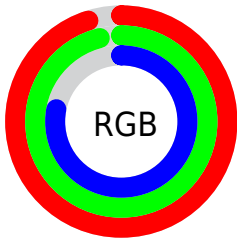
<b>Format</b>	<b>Color</b>
<b>RYB</b>	198, 245, 201
Decimal	15922630
CIELab	95.27, -8.59, 22.35
CIELCh	95, 23.944, 111.016
Yxy	88.2632, 0.3396, 0.3772
Android (android.graphics.Color)	4294112710 (0xFFFF2F5C6)
YUV	238.7450, -20.0873, 2.8546
Hunter-Lab	93.9464, -13.4242, 23.9369

# Details

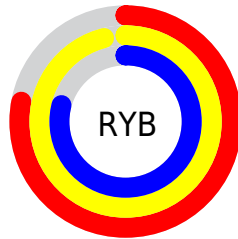
The HunterLab color  $93.9464, -13.4242, 23.9369$  is a light color, and the websafe version is hex  $FFFCC$ . A complement of this color would be  $77.0718, 5.8605, -18.8653$ , and the grayscale version is  $92.8772, -4.9557, 5.0462$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $69.8913, -11.2599, 20.4862$  is the 20% darker color. If you saturate the color by 10%, you get  $93.2451, -17.0625, 31.8579$ , and if you desaturate by 10%, it is  $94.7445, -9.3076, 14.7503$ .

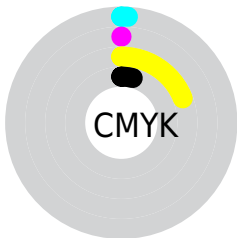
# Distribution



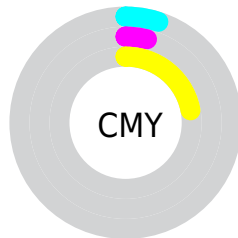
- Red (95%)
- Green (96%)
- Blue (78%)



- Red (78%)
- Yellow (96%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 93.9464, -13.4242, 23.9369 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 93.9464, -13.4242, 23.9369 by changing the saturation by 10% instead.



93.9464, -13.4242,  
23.9369

93.9464, -13.4242,  
23.9369

228.5530,  
-23.6079, 39.1536

81.5727, -12.3648,  
22.1850

120.3842,  
-15.5883, 27.3783

69.7938, -11.3135,  
20.3999

134.3988,  
-16.6895, 29.0762

58.6437, -10.2710,  
18.5724

148.9187,  
-17.8052, 30.7646

48.1602, -9.2343,  
16.6880

163.9268,  
-18.9355, 32.4466

38.3886, -8.1990,  
14.7263

179.4078,  
-20.0808, 34.1246

29.3852, -7.1580,  
12.6573

195.3475,

21.2222, -6.0999,

-21.2413, 35.8007

10.4347

211.7332,  
-22.4170, 37.4766

■ 13.9971, -5.0032,  
8.6195

■ 7.6394, -5.3061,  
5.3476

■ 93.9464, -13.4242,  
23.9369

■ 93.9464, -13.4242,  
23.9369

■ 93.2451, -17.0625,  
31.8579

■ 94.7445, -9.3076,  
14.7503

■ 92.6316, -20.2191,  
38.5256

■ 95.6351, -4.7057,  
4.2920

■ 92.1047, -22.9067,  
43.9714

■ 96.0459, -2.7562,  
0.7326

■ 91.6603, -25.1414,  
48.2418

■ 96.1945, -2.2435,  
0.9233

91.2931, -26.9466,  
51.4011

96.3440, -1.7282,  
1.1150

90.9968, -28.3540,  
53.5349

96.4946, -1.2102,  
1.3077

90.7635, -29.4057,  
54.7556

96.6462, -0.6895,  
1.5014

90.5804, -30.1728,  
55.2494

96.7988, -0.1662,  
1.6960

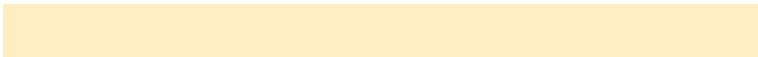
90.5663, -30.2304,  
55.2773

96.8445, -0.0097,  
1.7543

# Harmonies

## Analogous

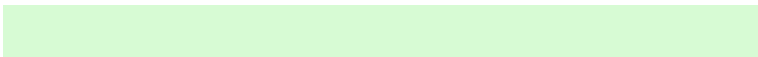
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9485, -1.2611, 24.8924



93.9464, -13.4242, 23.9369



93.9485, -22.8633, 18.3075

# Triad

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



93.9485, -13.4268, 23.9381



93.9485, -19.5689, -14.3060



93.9485, 19.7429, 1.4983

# Complementary

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



93.9464, -13.4242, 23.9369



77.0718, 5.8605, -18.8653

# Split Complementary

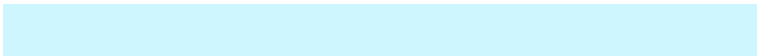
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.9485, 14.2677, -10.3231



93.9464, -13.4242, 23.9369



93.9485, -8.7165, -20.1948

# Square

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



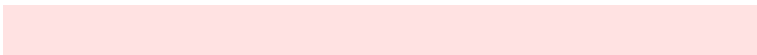
93.9485, -13.4268, 23.9381



93.9485, -26.2794, -3.4002



93.9485, 3.6976, -18.6497



93.9485, 18.3205, 12.8989

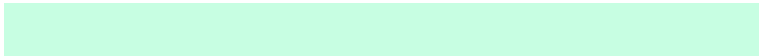


# Rectangle

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



93.9464, -13.4242, 23.9369



93.9485, -26.5425, 12.2051



93.9485, 3.6976, -18.6497



93.9485, 18.6380, -2.5772

# Sweetspot

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



93.9485, -13.4268, 23.9381



99.4326, -8.2671, 12.1079



80.5995, 10.8486, 10.5532



45.9745, -3.9673, 5.9244

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



93.9485, -13.4268, 23.9381



98.0190, -15.5808, 28.4098



91.9074, -20.7933, 21.8026



43.8822, -4.3727, 6.9702



66.4893, -22.1215, 40.5831



19.7521, -6.4060, 12.0590



# Inverse Universe

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



77.0718, 5.8605, -18.8653



76.9097, 8.6427, -25.3907



79.2503, 13.0584, -15.5700



39.9716, 0.0680, -2.8728



19.0500, 51.2664, -132.2062

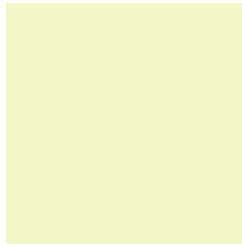


5.7995, 15.3140, -37.9737



# Previews

## White Background



This preview shows how the HunterLab color 93.9464, -13.4242, 23.9369 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

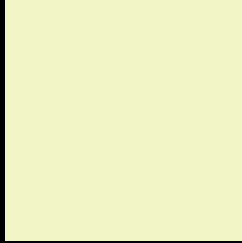
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 93.9464, -13.4242, 23.9369 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

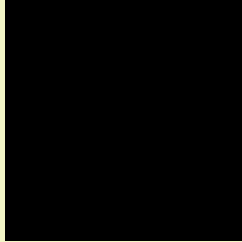
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

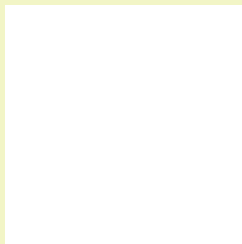
Any Text WCAG AAA ✓ Pass

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

## HunterLab 93.9464, -13.4242, 23.9369 Background



This preview shows how black text looks on a background with the HunterLab color 93.9464, -13.4242, 23.9369.



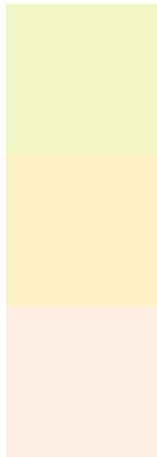
This preview shows how white text looks on a background with the HunterLab color 93.9464,

-13.4242, 23.9369.

# 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

93.9464, -13.4242, 23.9369

### Protanopia

93.9403, -6.8959, 24.0452

### Deuteranopia

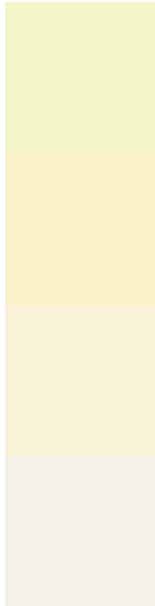
93.8139, -0.8880, 11.4044



## Tritanopia

93.7700, 2.2788, -1.9992

# Trichromacy



## Original Color

93.9464, -13.4242, 23.9369

## Protanomaly

93.7579, -9.1619, 23.8276

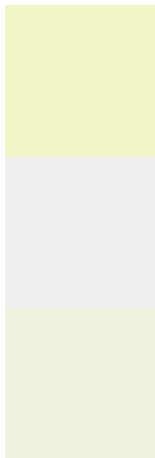
## Deuteranomaly

93.9385, -5.9096, 16.3482

## Tritanomaly

93.7302, -4.0249, 8.4460

# Monochromacy



## Original Color

93.9464, -13.4242, 23.9369

## Achromatopsia

92.9063, -4.9572, 5.0478

## Achromatomaly

93.1760, -8.1808, 12.3973

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 93.9464, -13.4242, 23.9369 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(242, 245, 198)` looks like.

```
.text, #text, p{  
    color:rgb(242, 245, 198)  
}
```

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(242, 245, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 245, 198) }
```

## Border

The CSS property to change the border of an element to HunterLab 93.9464, -13.4242, 23.9369 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(242, 245, 198) }
```



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

```
.border{ border-color:rgb(242, 245, 198) }
```

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

Here you see how a box with a 4 pixel rgb(242, 245, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 245, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 245, 198);  
box-shadow:4px 4px 4px 4px rgb(242, 245,  
198) }
```

# Background

The CSS property to change the background color of an element to HunterLab 93.9464, -13.4242, 23.9369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 245, 198) }
```

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

```
.background{ background-color: rgb(242,  
245, 198) }
```

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](#).

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