

# Converting Colors

HunterLab(95.1622, -2.6293,  
12.5707)

Have a look what the booklet for  
HunterLab(95.1622, -2.6293,  
12.5707) contains.

<b>HunterLab(95.0902, -2.8410, 12.3241)</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(95.0902, -2.8410,  
12.3241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF2E5
RGB	255, 242, 229
RGB Percent	100%, 95%, 90%
CMY	0.0000, 0.0510, 0.1020
CMYK	0.00, 0.05, 0.10, 0.00
HSL	30°, 100%, 95%
HSV	30°, 10%, 100%
XYZ	87.1350, 90.4215, 86.9894
YIQ	244.4050, 11.9210, -1.2870

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 255, 229
Decimal	16773861
CIE <sub>Lab</sub>	96.17, 2.22, 7.82
CIE <sub>LCh</sub>	96, 8.129, 74.134
Yxy	90.4252, 0.3294, 0.3418
Android (android.graphics.Color)	4294963941 (0xFFFFF2E5)
<b>YUV</b>	244.4050, -7.5947, 9.2918
Hunter-Lab	95.0902, -2.8410, 12.3241

# Details

The HunterLab color **95.0902, -2.8410, 12.3241** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93.4773, -6.7830, -2.5255**, and the grayscale version is **95.3233, -5.0862, 5.1791**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **70.8375, -1.7842, 10.1019** is the 20% darker color. If you saturate the color by 10%, you get **90.4318, -0.0090, 18.4744**, and if you desaturate by 10%, it is **99.9046, -5.2916, 5.5707**.

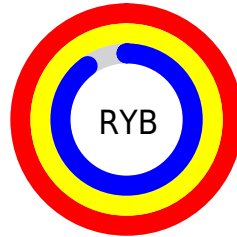
# Distribution



Red (100%)

Green (95%)

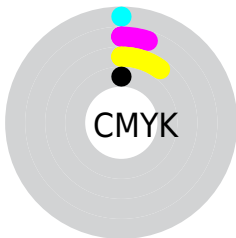
Blue (90%)



Red (100%)

Yellow (100%)

Blue (90%)

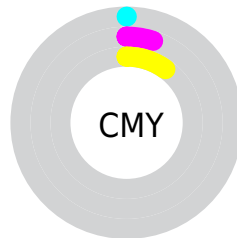


Cyan (0%)

Magenta (5%)

Yellow (10%)

Black (0%)



Cyan (0%)

Magenta (5%)

Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.0902, -2.8410, 12.3241 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 95.0902, -2.8410, 12.3241 by changing the saturation by 10% instead.



95.0902, -2.8410,  
12.3241

95.0902, -2.8410,  
12.3241

230.0898, -9.2950,  
22.2986

82.6640, -2.2812,  
11.2955

121.6260, -4.0718,  
14.4292

70.8301, -1.7551,  
10.2787

135.6870, -4.7334,  
15.5043

59.6219, -1.2683,  
9.2733

150.2515, -5.4251,  
16.5956

49.0765, -0.8239,  
8.2768

165.3028, -6.1455,  
17.7032

39.2387, -0.4257,  
7.2850

180.8257, -6.8936,  
18.8272

30.1634, -0.0788,  
6.2915

196.8061, -7.6684,

21.9211, 0.2100,

19.9678

5.2856

213.2314, -8.4691,  
21.1249

■ 14.6066, 0.4305,  
4.2472

■ 8.2667, 0.7300,  
4.3711

■ 95.0902, -2.8410,  
12.3241

■ 95.0902, -2.8410,  
12.3241

■ 90.4318, -0.0090,  
18.4744

99.9046, -5.2916,  
5.5707

■ 85.9368, 3.2429,  
23.9506

100.0000, -5.3358,  
5.4332

■ 81.6216, 6.9388,  
28.6811

■ 77.5021, 11.1003,  
32.5898

73.5953, 15.7400,  
35.6017

69.9188, 20.8552,  
37.6504

66.4900, 26.4206,  
38.6916

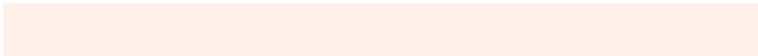
63.3248, 32.3782,  
38.7261

60.4828, 38.4738,  
37.9428

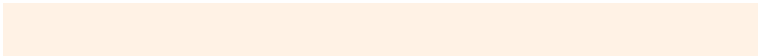
# Harmonies

## Analogous

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



95.0922, 0.8324, 10.4104



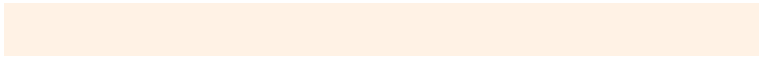
95.0902, -2.8410, 12.3241



95.0922, -7.0580, 12.3812

# Triad

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



95.0922, -2.8440, 12.3254



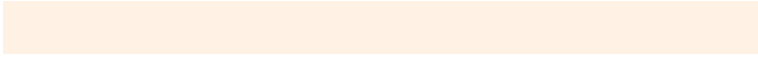
95.0922, -12.8424, 3.2663



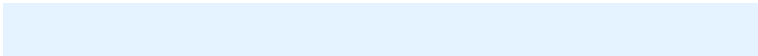
95.0922, 0.6543, -0.5491

# Complementary

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



95.0902, -2.8410, 12.3241



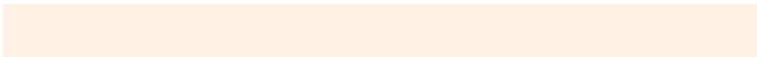
93.4773, -6.7830, -2.5255

# Split Complementary

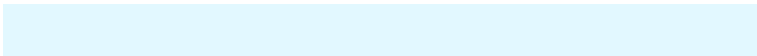
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.0922, -3.0836, -2.6409



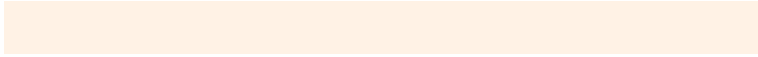
95.0902, -2.8410, 12.3241



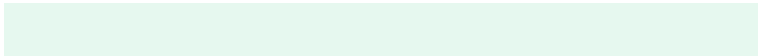
95.0922, -10.8493, -0.3737

# Square

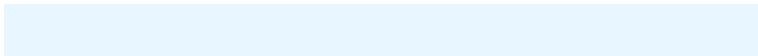
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.0922, -2.8440, 12.3254



95.0922, -12.7808, 7.2682



95.0922, -7.2935, -2.5753

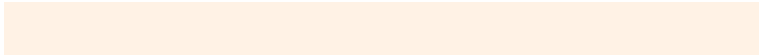


95.0922, 2.8760, 3.0354



# Rectangle

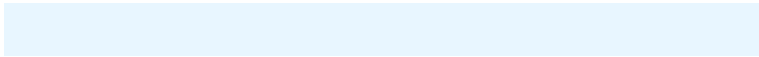
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.0902, -2.8410, 12.3241



95.0922, -9.6024, 11.3634



95.0922, -7.2935, -2.5753



95.0922, -0.4694, -1.4570

# Sweetspot

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



95.0922, -2.8440, 12.3254



98.5402, -4.6425, 7.5227



91.4935, 6.2779, 2.0504



45.4097, -2.0595, 3.7348

0.0000, NaN, NaN

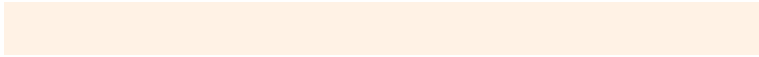


46.2646, -2.4686, 2.5136

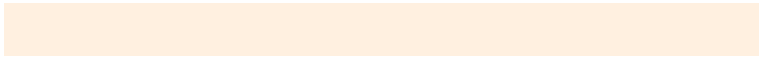


# Same Dimension

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



95.0922, -2.8440, 12.3254



94.2395, -2.3619, 13.4818



99.2155, -9.6504, 16.6680



44.1456, -1.3996, 5.4951



44.0606, 27.0151, 27.6229

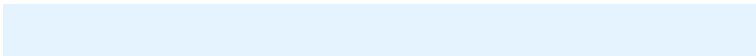


14.5211, 6.6914, 9.0650

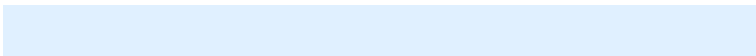


# Inverse Universe

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



93.4773, -6.7830, -2.5255



92.3425, -6.9873, -3.9658



89.3969, 0.0650, -7.6589



43.4486, -3.0999, -0.9146



34.7318, 8.9951, -62.8297

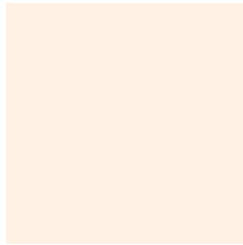


11.8023, 0.9906, -16.8902



# Previews

## White Background



This preview shows how the HunterLab color 95.0902, -2.8410, 12.3241 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

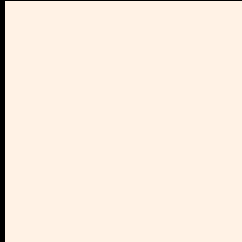
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 95.0902, -2.8410, 12.3241 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

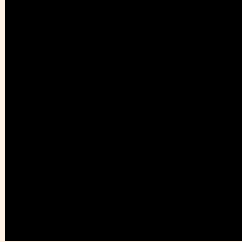
Any Text WCAG AA ✓ Pass

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 95.0902, -2.8410, 12.3241 Background



This preview shows how black text looks on a background with the HunterLab color 95.0902, -2.8410, 12.3241.



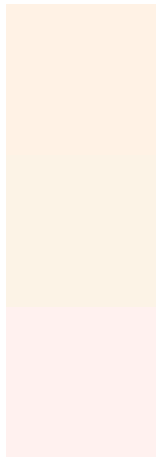
This preview shows how white text looks on a background with the HunterLab color 95.0902, -2.8410,



# 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

95.0902, -2.8410, 12.3241

### Protanopia

95.1366, -4.2341, 11.8934

### Deuteranopia

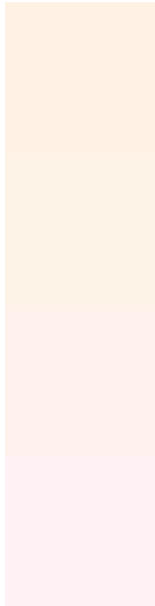
95.0803, -0.6659, 7.6541



## Tritanopia

95.2219, 2.3162, 0.8538

# Trichromacy



## Original Color

95.0902, -2.8410, 12.3241

## Protanomaly

95.2350, -3.8931, 12.0081

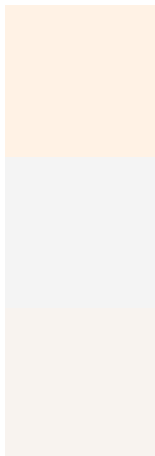
## Deuteranomaly

94.9572, -1.3347, 9.4138

## Tritanomaly

95.2377, 0.1887, 5.4058

# Monochromacy



## Original Color

95.0902, -2.8410, 12.3241

## Achromatopsia

95.1137, -5.0750, 5.1677

## Achromatomaly

95.0209, -4.0901, 7.5257

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 95.0902, -2.8410, 12.3241 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(255, 242, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 229)  
}
```

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(255, 242, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 229) }
```

## Border

The CSS property to change the border of an element to HunterLab 95.0902, -2.8410, 12.3241 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(255, 242, 229) }
```



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

```
.border{ border-color:rgb(255, 242, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
229) }
```

# Background

The CSS property to change the background color of an element to HunterLab 95.0902, -2.8410, 12.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 229) }
```

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

```
.background{ background-color: rgb(255,  
242, 229) }
```

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