

# Converting Colors

HunterLab(70.8702, 11.7427,  
35.3934)

Have a look what the booklet for  
HunterLab(70.8702, 11.7427,  
35.3934) contains.

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# Color

**HunterLab(70.9295, 11.4662,  
35.4435)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2AF5C
RGB	242, 175, 92
RGB Percent	95%, 69%, 36%
CMY	0.0510, 0.3137, 0.6392
CMYK	0.00, 0.28, 0.62, 0.05
HSL	33°, 85%, 65%
HSV	33°, 62%, 95%
XYZ	53.8797, 50.3099, 16.9962
YIQ	185.5710, 66.5750, -11.6090

# Conversions

## Conversions Part 2

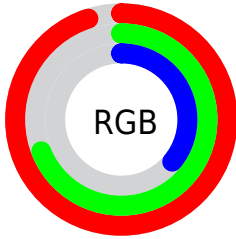
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 242, 92
Decimal	15904604
CIE <sub>Lab</sub>	76.26, 16.14, 51.38
CIE <sub>LCh</sub>	76, 53.856, 72.566
Yxy	50.3124, 0.4446, 0.4152
Android (android.graphics.Color)	4294094684 (0xFFFF2AF5C)
YUV	185.5710, -46.1305, 49.4882
Hunter-Lab	70.9295, 11.4662, 35.4435

# Details

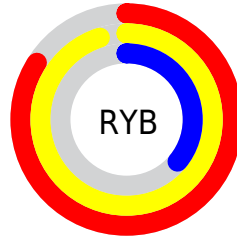
The HunterLab color **70.9295, 11.4662, 35.4435** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **57.8626, 0.0425, -50.4208**, and the grayscale version is **70.0620, -3.7383, 3.8066**.

A 20% lighter version of the original color is **89.6974, -7.8643, 37.4265**, and **49.2657, 10.7950, 28.0216** is the 20% darker color. If you saturate the color by 10%, you get **67.7599, 15.6803, 37.2702**, and if you desaturate by 10%, it is **74.2851, 7.6921, 32.6718**.

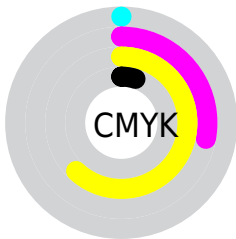
# Distribution



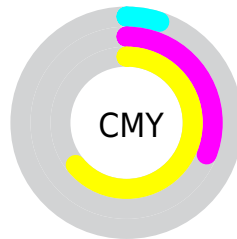
- Red (95%)
- Green (69%)
- Blue (36%)



- Red (84%)
- Yellow (95%)
- Blue (36%)



- Cyan (0%)
- Magenta (28%)
- Yellow (62%)
- Black (5%)




- Cyan (5%)
- Magenta (31%)
- Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.9295, 11.4662, 35.4435 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 70.9295, 11.4662, 35.4435 by changing the saturation by 10% instead.





 70.9295, 11.4662,  
35.4435


 70.9295, 11.4662,  
35.4435


196.9483, 10.4959,  
63.4460

 59.7174, 11.2816,  
31.8037


 95.2038, 11.6187,  
42.2852


 49.1661, 11.0214,  
27.9772

 108.2039, 11.6054,  
45.5310

 39.3218, 10.6716,  
23.9282

 121.7472, 11.5377,  
48.6835

 30.2395, 10.2186,  
19.6411

 135.8126, 11.4192,  
51.7563

 21.9896, 9.6440,  
15.3927

150.3815, 11.2531,  
54.7604

 14.6664, 8.9230,  
10.2665

165.4370, 11.0423,

 8.3252, 8.3891,

57.7051

5.8276

180.9639, 10.7892,  
60.5981

0.0000, INF, NaN

0.0000, NaN, NaN

■ 70.9295, 11.4662,  
35.4435

■ 70.9295, 11.4662,  
35.4435

■ 67.7599, 15.6803,  
37.2702

■ 74.2851, 7.6921,  
32.6718

■ 64.7814, 20.3257,  
38.1287

■ 77.8101, 4.3700,  
28.9985

■ 62.0041, 25.3548,  
38.0440

■ 81.4951, 1.4862,  
24.4827

■ 59.9200, 29.5846,  
37.4404

■ 85.3288, -0.9772,  
19.1878

■ 89.3011, -3.0425,

13.1775

■ 93.4020, -4.7345,  
6.5134

■ 97.4077, -7.2597,  
2.3093

■ 98.8014, -9.5307,  
3.9407

# Harmonies

## Analogous

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



70.9313, 35.9318, 28.6667



70.9295, 11.4662, 35.4435



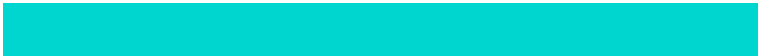
70.9313, -14.1150, 35.9078

# Triad

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



70.9313, 11.4627, 35.4443



70.9313, -45.4796, -7.0211



70.9313, 32.4059, -39.6452

# Complementary

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



70.9295, 11.4662, 35.4435



57.8626, 0.0425, -50.4208

# 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.



70.9313, 7.1647, -58.1885



70.9295, 11.4662, 35.4435



70.9313, -36.3256, -35.3548

# Square

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



70.9313, 11.4627, 35.4443



70.9313, -44.6672, 16.4302



70.9313, -17.8510, -56.3885



70.9313, 49.1440, -11.5354



# Rectangle

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



70.9295, 11.4662, 35.4435



70.9313, -28.2336, 32.9377



70.9313, -17.8510, -56.3885



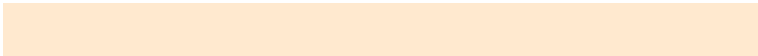
70.9313, 24.4933, -47.5845

# Sweetspot

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



70.9313, 11.4627, 35.4443



91.7744, -1.7217, 18.5701



53.9004, 60.4839, -2.0600



41.9062, -0.4865, 9.4039

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.9313, 11.4627, 35.4443



71.1882, 17.6992, 39.8442



90.4731, -24.6009, 48.6827



41.4841, -1.6083, 5.3110



44.2325, 20.9927, 27.6234

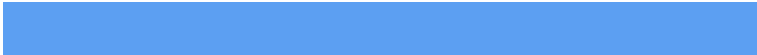


13.5127, 4.4584, 8.4045



# Inverse Universe

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



57.8626, 0.0425, -50.4208



55.1240, 4.9390, -67.7042



40.9225, 37.6728, -95.8323



40.4858, -2.6065, -1.0511



30.7874, 13.5345, -67.6987



9.9205, 1.8034, -16.2927



# Previews

## White Background



This preview shows how the HunterLab color 70.9295, 11.4662, 35.4435 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 70.9295, 11.4662, 35.4435 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

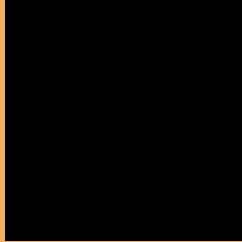
Any Text WCAG AA ✓ Pass

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 70.9295, 11.4662, 35.4435 Background



This preview shows how black text looks on a background with the HunterLab color 70.9295, 11.4662, 35.4435.



This preview shows how white text looks on a background with the HunterLab color 70.9295, 11.4662,

35.4435.

# 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

70.9295, 11.4662, 35.4435

### Protanopia

71.1685, -8.3650, 34.4880

### Deuteranopia

70.8176, 5.3415, 35.4446



## Tritanopia

70.7680, 28.0062, 8.8092

# Trichromacy



## Original Color

70.9295, 11.4662, 35.4435

## Protanomaly

70.9386, -1.5472, 34.6363

## Deuteranomaly

71.0134, 7.4418, 35.6248

## Tritanomaly

70.7639, 21.1055, 20.8459

# Monochromacy



## Original Color

70.9295, 11.4662, 35.4435

## Achromatopsia

70.0729, -3.7389, 3.8072

## Achromatomaly

69.8890, -0.0969, 17.8628

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.9295, 11.4662, 35.4435 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, 175, 92)` looks like.

```
.text, #text, p{  
    color:rgb(242, 175, 92)  
}
```

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, 175, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 175, 92) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.9295, 11.4662, 35.4435 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, 175, 92) }
```



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

```
.border{ border-color:rgb(242, 175, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 175, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 175, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 175, 92);  
box-shadow:4px 4px 4px 4px rgb(242, 175,  
92) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.9295, 11.4662, 35.4435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 175, 92) }
```

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

```
.background{ background-color: rgb(242,  
175, 92) }
```

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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