

Converting Colors

HunterLab(50.5114, -3.0633,
30.8690)

Have a look what the booklet for
HunterLab(50.5114, -3.0633,
30.8690) contains.

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Color

**HunterLab(50.5114, -3.0633,
30.8690)**

Conversions

Conversions Part 1

Format	Color
Hex	A48806
RGB	164, 136, 6
RGB Percent	64%, 53%, 2%
CMY	0.3569, 0.4666, 0.9764
CMYK	0.00, 0.17, 0.96, 0.36
HSL	49°, 93%, 33%
HSV	49°, 96%, 64%
XYZ	24.1469, 25.5140, 3.8243
YIQ	129.5520, 58.4180, -34.4940

Conversions

Conversions Part 2

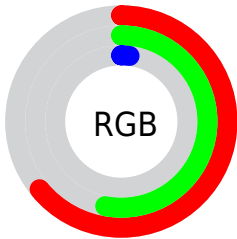
Format	Color
RYB	40, 164, 6
Decimal	10782726
CIELab	57.57, -0.45, 61.35
CIELCh	58, 61.353, 90.424
Yxy	25.5153, 0.4515, 0.4770
Android (android.graphics.Color)	4288972806 (0xFFA48806)
YUV	129.5520, -60.9111, 30.2109
Hunter-Lab	50.5114, -3.0633, 30.8690

Details

The HunterLab color **50.5114, -3.0633, 30.8690** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **19.6557, 32.3340, -93.2641**, and the grayscale version is **47.2879, -2.5232, 2.5692**.

A 20% lighter version of the original color is **72.4921, -4.2399, 39.5807**, and **31.6299, -1.2180, 19.4689** is the 20% darker color. If you saturate the color by 10%, you get **50.2031, -2.6456, 30.8886**, and if you desaturate by 10%, it is **51.3725, -4.1544, 30.6826**.

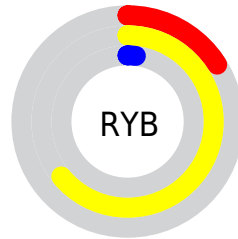
Distribution



Red (64%)

Green (53%)

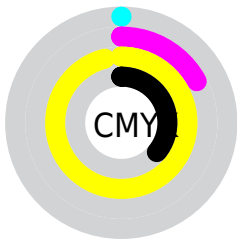
Blue (2%)



Red (16%)

Yellow (64%)

Blue (2%)

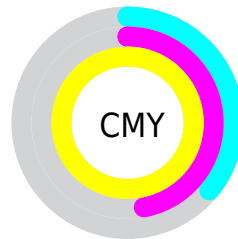


Cyan (0%)

Magenta (17%)

Yellow (96%)

Black (36%)



Cyan (36%)

Magenta (47%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.5114, -3.0633, 30.8690 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 50.5114, -3.0633, 30.8690 by changing the saturation by 10% instead.

■ 50.5114, -3.0633,
30.8690

■ 50.5114, -3.0633,
30.8690

167.4498, -9.4922,
65.4284

■ 40.5726, -2.5086,
26.1653

■ 72.4513, -4.2844,
39.5834

■ 31.3866, -1.9899,
21.5174

■ 84.3703, -4.9426,
43.6520

■ 23.0226, -1.5123,
16.1158

■ 96.8794, -5.6314,
47.5639

■ 15.5711, -1.0795,
10.8998

■ 109.9522, -6.3493,
51.3411

■ 9.1569, -0.7051,
6.4099

■ 123.5652, -7.0953,
55.0019

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 137.6978, -7.8684,

58.5618

0.0000, NaN, NaN

152.3315, -8.6676,
62.0336

0.0000, NaN, NaN

50.5114, -3.0633,
30.8690

50.5114, -3.0633,
30.8690

50.2031, -2.6456,
30.8886

51.3725, -4.1544,
30.6826

52.2773, -5.0355,
29.9665

53.2320, -5.6783,
28.6466

54.2390, -6.0666,
26.6864

55.3000, -6.1904,
24.0661

■ 56.4156, -6.0445,
20.7781

■ 57.5862, -5.6274,
16.8242

■ 58.8114, -4.9408,
12.2135

■ 60.0909, -3.9888,
6.9611

Harmonies

Analogous

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



50.5126, 24.2708, 29.0173



50.5114, -3.0633, 30.8690



50.5126, -25.4984, 28.8990

Triad

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



50.5126, -3.0655, 30.8694



50.5126, -38.8305, -27.5580



50.5126, 48.2464, -26.6227

Complementary

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



50.5114, -3.0633, 30.8690



19.6557, 32.3340, -93.2641

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.



50.5126, 25.0376, -57.4316



50.5114, -3.0633, 30.8690



50.5126, -24.9782, -58.1365

Square

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



50.5126, -3.0655, 30.8694



50.5126, -43.4337, 2.3981



50.5126, -2.3293, -71.1361



50.5126, 57.2818, 3.0984

Rectangle

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



50.5114, -3.0633, 30.8690



50.5126, -35.6029, 24.5594



50.5126, -2.3293, -71.1361



50.5126, 41.6406, -37.6375

Sweetspot

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



50.5126, -3.0655, 30.8694



77.0708, -7.8019, 24.4745



28.5379, 48.1217, 15.1278



35.7376, -3.7527, 12.4480



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



50.5126, -3.0655, 30.8694



67.4337, -3.2242, 41.4959



54.8992, -30.2528, 33.1126



28.3245, -2.0372, 4.0627



44.0310, -2.4342, 27.0891



6.7826, -0.9978, 4.1619

Inverse Universe

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



19.6557, 32.3340, -93.2641



24.9972, 48.0485, -134.9673



19.1121, 44.9992, -96.3908



26.5585, -0.7928, -1.2917



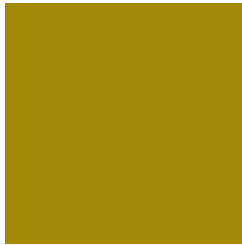
16.6828, 29.6734, -84.9083



3.3443, 1.7420, -7.9405

Previews

White Background



This preview shows how the HunterLab color 50.5114, -3.0633, 30.8690 looks on a white background.

Color Contrast Check

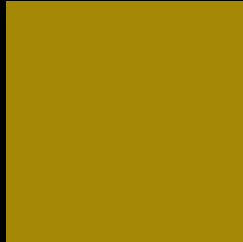
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.5114, -3.0633, 30.8690 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 × Fail

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

HunterLab 50.5114, -3.0633, 30.8690 Background



This preview shows how black text looks on a background with the HunterLab color 50.5114, -3.0633, 30.8690.



This preview shows how white text looks on a background with the HunterLab color 50.5114, -3.0633,

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

50.5114, -3.0633, 30.8690

Protanopia

50.5477, -7.2849, 30.7503

Deuteranopia

50.3796, 3.5372, 30.5737



Tritanopia

50.3559, 13.6096, 3.8423

Trichromacy



Original Color

50.5114, -3.0633, 30.8690

Protanomaly

50.5601, -5.7796, 30.8180

Deuteranomaly

50.4574, 1.0194, 30.7008

Tritanomaly

50.0114, 5.0444, 19.7004

Monochromacy



Original Color

50.5114, -3.0633, 30.8690

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.8635, -5.2722, 18.7549

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.5114, -3.0633, 30.8690 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(164, 136, 6)` looks like.

```
.text, #text, p{  
    color:rgb(164, 136, 6)  
}
```

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(164, 136, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 136, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 50.5114, -3.0633, 30.8690 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(164, 136, 6) }
```


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

```
.border{ border-color:rgb(164, 136, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 136, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 136, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 136, 6);  
box-shadow:4px 4px 4px 4px rgb(164, 136,  
6) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.5114, -3.0633, 30.8690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 136, 6) }
```

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

```
.background{ background-color: rgb(164,  
136, 6) }
```

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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