

Converting Colors

HunterLab(50.2617, -6.8345,
30.5804)

Have a look what the booklet for
HunterLab(50.2617, -6.8345,
30.5804) contains.

HunterLab(50.2617, -6.8345, 30.5804)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(50.2617, -6.8345,
30.5804)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8A08
RGB	156, 138, 8
RGB Percent	61%, 54%, 3%
CMY	0.3882, 0.4588, 0.9686
CMYK	0.00, 0.12, 0.95, 0.39
HSL	53°, 90%, 32%
HSV	53°, 95%, 61%
XYZ	22.8426, 25.2624, 3.9019
YIQ	128.5620, 52.4580, -36.6140

Conversions

Conversions Part 2

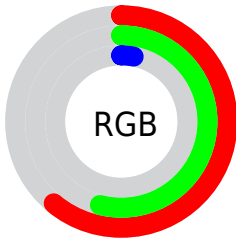
Format	Color
R_{YB}	28, 156, 8
Decimal	10258952
CIE _{Lab}	57.33, -5.22, 60.49
CIE _{LCh}	57, 60.717, 94.928
Yxy	25.2636, 0.4392, 0.4858
Android (android.graphics.Color)	4288449032 (0xFF9C8A08)
YUV	128.5620, -59.4371, 24.0631
Hunter-Lab	50.2617, -6.8345, 30.5804

Details

The HunterLab color **50.2617, -6.8345, 30.5804** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17.8633, 33.3957, -92.8009**, and the grayscale version is **46.8943, -2.5022, 2.5479**.

A 20% lighter version of the original color is **72.1379, -8.5453, 39.1207**, and **31.3912, -4.7364, 19.2602** is the 20% darker color. If you saturate the color by 10%, you get **49.9678, -6.4947, 30.6762**, and if you desaturate by 10%, it is **50.8522, -7.4337, 30.2219**.

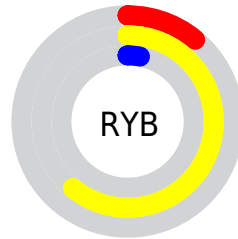
Distribution



Red (61%)

Green (54%)

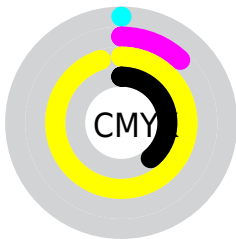
Blue (3%)



Red (11%)

Yellow (61%)

Blue (3%)

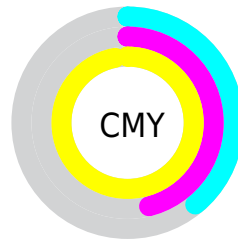


Cyan (0%)

Magenta (12%)

Yellow (95%)

Black (39%)



Cyan (39%)

Magenta (46%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.2617, -6.8345, 30.5804 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 50.2617, -6.8345, 30.5804 by changing the saturation by 10% instead.

50.2617, -6.8345,
30.5804

50.2617, -6.8345,
30.5804

167.0773,
-15.1770, 64.7411

40.3405, -6.0030,
25.9280

72.1696, -8.5554,
39.1946

31.1736, -5.1838,
21.3067

84.0739, -9.4428,
43.2155

22.8306, -4.3745,
15.9814

96.5691, -10.3497,
47.0815

15.4025, -3.5665,
10.7818

109.6285,
-11.2761, 50.8146

9.0090, -3.0038,
6.3063

123.2286,
-12.2222, 54.4330

0.0000, NaN, NaN

0.0000, NaN, NaN

137.3488,

-13.1878, 57.9520

0.0000, NaN, NaN

151.9706,
-14.1728, 61.3844

0.0000, NaN, NaN

50.2617, -6.8345,
30.5804

50.2617, -6.8345,
30.5804

49.9678, -6.4947,
30.6762

50.8522, -7.4337,
30.2219

51.4798, -7.8335,
29.3528

52.1499, -8.0112,
27.9121

52.8653, -7.9506,
25.8613

53.6281, -7.6408,
23.1757

■ 54.4395, -7.0751,
19.8414

■ 55.3005, -6.2499,
15.8534

■ 56.2115, -5.1649,
11.2140

■ 57.1727, -3.8220,
5.9316

Harmonies

Analogous

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



50.2629, 19.8811, 29.3310



50.2617, -6.8345, 30.5804



50.2629, -27.8396, 27.9531

Triad

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



50.2629, -6.8365, 30.5808



50.2629, -36.9627, -32.0625



50.2629, 50.0208, -21.3787

Complementary

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



50.2617, -6.8345, 30.5804



17.8633, 33.3957, -92.8009

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.



50.2629, 28.6592, -52.6622



50.2617, -6.8345, 30.5804



50.2629, -21.8600, -60.6954

Square

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



50.2629, -6.8365, 30.5808



50.2629, -42.8727, -1.4475



50.2629, 1.6066, -69.6766



50.2629, 56.2438, 6.5881

Rectangle

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



50.2617, -6.8345, 30.5804



50.2629, -36.9122, 22.8670



50.2629, 1.6066, -69.6766



50.2629, 44.1890, -32.2198

Sweetspot

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



50.2629, -6.8365, 30.5808



74.0928, -8.8740, 23.4509



27.0635, 45.0012, 15.0928



34.5379, -4.3679, 12.0032



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



50.2629, -6.8365, 30.5808



67.1978, -8.5246, 41.2577



51.5788, -30.1088, 30.9911



27.5365, -2.1562, 4.0422



45.3868, -5.9532, 27.8629



6.3507, -1.2331, 3.8917

Inverse Universe

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



17.8633, 33.3957, -92.8009



22.4647, 50.0181, -136.0536



18.9925, 42.8099, -85.7340



25.6102, -0.5832, -1.3765



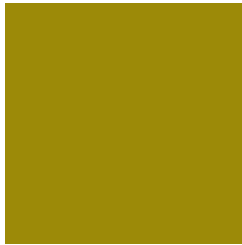
15.4577, 32.4071, -89.2784



2.7521, 2.2259, -8.2450

Previews

White Background



This preview shows how the HunterLab color 50.2617, -6.8345, 30.5804 looks on a white background.

Color Contrast Check

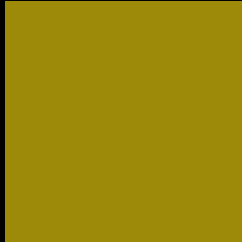
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.2617, -6.8345, 30.5804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

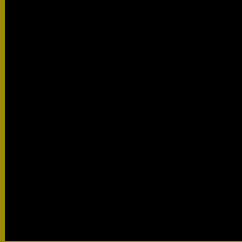
Any Text WCAG AA ✓ Pass

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 50.2617, -6.8345, 30.5804 Background



This preview shows how black text looks on a background with the HunterLab color 50.2617, -6.8345, 30.5804.



This preview shows how white text looks on a background with the HunterLab color 50.2617, -6.8345,

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

50.2617, -6.8345, 30.5804

Protanopia

50.1628, -7.1872, 30.5127

Deuteranopia

50.2742, 3.2015, 30.3599



Tritanopia

50.1656, 10.4757, 2.6770

Trichromacy



Original Color

50.2617, -6.8345, 30.5804

Protanomaly

50.1628, -7.1872, 30.5127

Deuteranomaly

50.2965, -0.9250, 30.4865

Tritanomaly

49.8347, 1.7536, 18.9631

Monochromacy



Original Color

50.2617, -6.8345, 30.5804

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.5893, -6.2447, 18.5075

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.2617, -6.8345, 30.5804 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(156, 138, 8)` looks like.

```
.text, #text, p{  
    color:rgb(156, 138, 8)  
}
```

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(156, 138, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 138, 8) }
```

Border

The CSS property to change the border of an element to HunterLab 50.2617, -6.8345, 30.5804 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(156, 138, 8) }
```


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

```
.border{ border-color:rgb(156, 138, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 138, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 138, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 138, 8);  
box-shadow:4px 4px 4px 4px rgb(156, 138,  
8) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.2617, -6.8345, 30.5804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 138, 8) }
```

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

```
.background{ background-color: rgb(156,  
138, 8) }
```

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