

Converting Colors

HunterLab(50.2063, 8.2884,
30.7477)

Have a look what the booklet for
HunterLab(50.2063, 8.2884,
30.7477) contains.

HunterLab(50.1455, 8.1262, 30.7022)	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(50.1455, 8.1262,
30.7022)**

Conversions

Conversions Part 1

Format	Color
Hex	B67F0A
RGB	182, 127, 10
RGB Percent	71%, 50%, 4%
CMY	0.2863, 0.5019, 0.9608
CMYK	0.00, 0.30, 0.95, 0.29
HSL	41°, 90%, 38%
HSV	41°, 95%, 71%
XYZ	26.9355, 25.1457, 3.7211
YIQ	130.1070, 70.3370, -24.7270

Conversions

Conversions Part 2

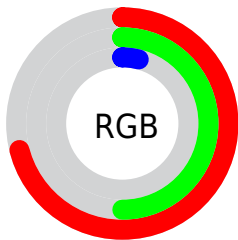
Format	Color
R_{YB}	91, 182, 10
Decimal	11960074
CIE Lab	57.22, 12.83, 61.33
CIE LCh	57, 62.660, 78.187
Yxy	25.1470, 0.4827, 0.4506
Android (android.graphics.Color)	4290150154 (0xFFB67F0A)
YUV	130.1070, -59.2128, 45.5102
Hunter-Lab	50.1455, 8.1262, 30.7022

Details

The HunterLab color **50.1455, 8.1262, 30.7022** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **26.8752, 22.4358, -80.6801**, and the grayscale version is **47.4966, -2.5343, 2.5806**.

A 20% lighter version of the original color is **72.2254, 8.1826, 39.6153**, and **31.1991, 8.5451, 19.3744** is the 20% darker color. If you saturate the color by 10%, you get **49.3067, 9.5562, 30.5499**, and if you desaturate by 10%, it is **51.7270, 5.6407, 30.6985**.

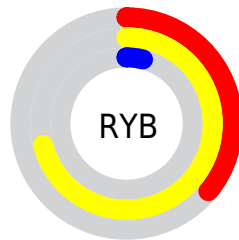
Distribution



Red (71%)

Green (50%)

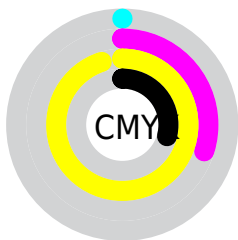
Blue (4%)



Red (36%)

Yellow (71%)

Blue (4%)

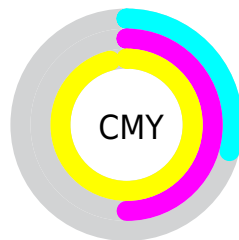


Cyan (0%)

Magenta (30%)

Yellow (95%)

Black (29%)



Cyan (29%)

Magenta (50%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.1455, 8.1262, 30.7022 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 50.1455, 8.1262, 30.7022 by changing the saturation by 10% instead.

50.1455, 8.1262,
30.7022

50.1455, 8.1262,
30.7022

166.9039, 6.8593,
65.2960

40.2326, 7.9521,
25.9908

72.0386, 8.2361,
39.4294

31.0746, 7.6889,
21.3738

83.9360, 8.1934,
43.5029

22.7413, 7.3175,
15.9189

96.4247, 8.0927,
47.4190

15.3243, 6.8142,
10.7270

109.4778, 7.9388,
51.1996

8.9393, 6.2099,
6.2575

123.0720, 7.7355,
54.8633

0.0000, INF, NaN

0.0000, NaN, NaN

137.1864, 7.4860,

58.4256

0.0000, NaN, NaN

151.8026, 7.1931,
61.8995

0.0000, NaN, NaN

50.1455, 8.1262,
30.7022

50.1455, 8.1262,
30.7022

49.3067, 9.5562,
30.5499

51.7270, 5.6407,
30.6985

53.3927, 3.4261,
30.0430

55.1446, 1.5039,
28.6931

56.9821, -0.1137,
26.6355

58.9033, -1.4227,
23.8764

■ 60.9056, -2.4255,
20.4339

■ 62.9862, -3.1285,
16.3345

■ 65.1418, -3.5416,
11.6095

■ 67.3692, -3.6762,
6.2929

Harmonies

Analogous

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



50.1468, 35.7768, 27.0059



50.1455, 8.1262, 30.7022



50.1468, -17.5350, 30.3257

Triad

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



50.1468, 8.1235, 30.7026



50.1468, -42.3121, -14.7674



50.1468, 40.9558, -41.2187

Complementary

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



50.1455, 8.1262, 30.7022



26.8752, 22.4358, -80.6801

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.



50.1468, 14.1384, -68.0598



50.1455, 8.1262, 30.7022



50.1468, -32.1892, -48.1303

Square

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



50.1468, 8.1235, 30.7026



50.1468, -43.2653, 11.6297



50.1468, -12.6369, -71.0929



50.1468, 57.1878, -8.1762

Rectangle

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



50.1455, 8.1262, 30.7022



50.1468, -30.3191, 27.7597



50.1468, -12.6369, -71.0929



50.1468, 32.6532, -51.8653

Sweetspot

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



50.1468, 8.1235, 30.7026



83.6844, -3.8840, 24.2901



32.5139, 55.2228, 11.2211



38.7638, -1.6246, 12.5141



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



50.1468, 8.1235, 30.7026



66.0550, 13.5094, 40.9393



63.4684, -26.7459, 38.3722



31.6322, -1.7395, 4.2659



41.5845, 7.7460, 25.7598



8.4621, 0.2630, 5.2189

Inverse Universe

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



26.8752, 22.4358, -80.6801



33.5686, 36.3349, -120.3943



20.0489, 48.3946, -117.6741



30.2915, -1.4530, -1.0886



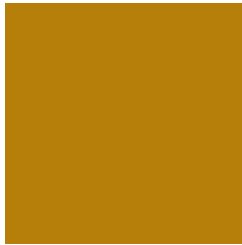
21.5496, 21.0335, -72.3403



5.2800, 1.1574, -9.0980

Previews

White Background



This preview shows how the HunterLab color 50.1455, 8.1262, 30.7022 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 50.1455, 8.1262, 30.7022 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 50.1455, 8.1262, 30.7022 Background



This preview shows how black text looks on a background with the HunterLab color 50.1455, 8.1262, 30.7022.



This preview shows how white text looks on a background with the HunterLab color 50.1455, 8.1262,

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

50.1455, 8.1262, 30.7022

Protanopia

50.1797, -7.0931, 30.2623

Deuteranopia

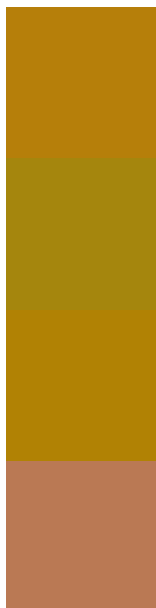
50.2307, 2.9684, 31.0039



Tritanopia

50.1802, 22.6288, 7.5932

Trichromacy



Original Color

50.1455, 8.1262, 30.7022

Protanomaly

50.0785, -1.6826, 30.3779

Deuteranomaly

50.3201, 4.6518, 30.9531

Tritanomaly

49.7533, 15.8531, 20.9401

Monochromacy



Original Color

50.1455, 8.1262, 30.7022

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.7095, -1.4638, 18.4316

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.1455, 8.1262, 30.7022 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(182, 127, 10)` looks like.

```
.text, #text, p{  
    color:rgb(182, 127, 10)  
}
```

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(182, 127, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 127, 10) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1455, 8.1262, 30.7022 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(182, 127, 10) }
```


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

```
.border{ border-color:rgb(182, 127, 10) }
```

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

Here you see how a box with a 4 pixel rgb(182, 127, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 127, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 127, 10);  
box-shadow:4px 4px 4px 4px rgb(182, 127,  
10) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.1455, 8.1262, 30.7022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 127, 10) }
```

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

```
.background{ background-color: rgb(182,  
127, 10) }
```

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