

Converting Colors

HunterLab(58.6920, -2.9587,
31.6518)

Have a look what the booklet for
HunterLab(58.6920, -2.9587,
31.6518) contains.

HunterLab(58.6755, -3.0870, 31.6404)	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(58.6755, -3.0870,
31.6404)**

Conversions

Conversions Part 1

Format	Color
Hex	B99C3D
RGB	185, 156, 61
RGB Percent	73%, 61%, 24%
CMY	0.2745, 0.3882, 0.7608
CMYK	0.00, 0.16, 0.67, 0.27
HSL	46°, 50%, 48%
HSV	46°, 67%, 73%
XYZ	32.7383, 34.4281, 9.3347
YIQ	153.8410, 47.7790, -23.3970

Conversions

Conversions Part 2

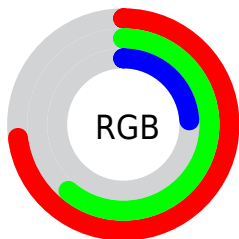
Format	Color
RYB	99, 185, 61
Decimal	12164157
CIELab	65.30, 0.05, 51.99
CIELCh	65, 51.986, 89.942
Yxy	34.4298, 0.4279, 0.4500
Android (android.graphics.Color)	4290354237 (0xFFB99C3D)
YUV	153.8410, -45.7706, 27.3264
Hunter-Lab	58.6755, -3.0870, 31.6404

Details

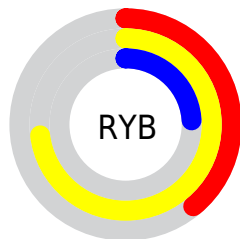
The HunterLab color **58.6755, -3.0870, 31.6404** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **34.3611, 14.3490, -57.7737**, and the grayscale version is **56.9485, -3.0386, 3.0941**.

A 20% lighter version of the original color is **81.5589, -4.1119, 38.8271**, and **38.3306, -2.0984, 23.5824** is the 20% darker color. If you saturate the color by 10%, you get **57.3040, -1.8159, 32.9631**, and if you desaturate by 10%, it is **60.1187, -4.0634, 29.5835**.

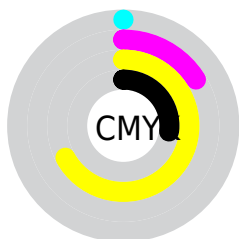
Distribution



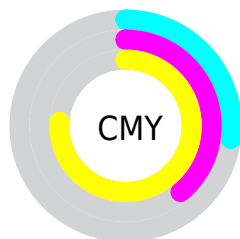
- Red (73%)
- Green (61%)
- Blue (24%)



- Red (39%)
- Yellow (73%)
- Blue (24%)



- Cyan (0%)
- Magenta (16%)
- Yellow (67%)
- Black (27%)



- Cyan (27%)
- Magenta (39%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.6755, -3.0870, 31.6404 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 58.6755, -3.0870, 31.6404 by changing the saturation by 10% instead.

■ 58.6755, -3.0870,
31.6404

■ 58.6755, -3.0870,
31.6404

179.4559, -9.5202,
60.8071

■ 48.1913, -2.5322,
27.7536

■ 81.6097, -4.3091,
38.8729

■ 38.4174, -2.0132,
23.6381

■ 93.9873, -4.9678,
42.2748

■ 29.4116, -1.5355,
19.3366

■ 106.9342, -5.6570,
45.5635

■ 21.2459, -1.1030,
14.8721

■ 120.4263, -6.3755,
48.7559

■ 14.0177, -0.7210,
9.8124

■ 134.4426, -7.1220,
51.8660

■ 7.6616, -0.3795,
5.3631

148.9640, -7.8955,

0.0000, NaN, NaN

54.9051

0.0000, NaN, NaN

163.9736, -8.6952,
57.8828

0.0000, NaN, NaN

■ 58.6755, -3.0870,
31.6404

■ 58.6755, -3.0870,
31.6404

■ 57.3040, -1.8159,
32.9631

■ 60.1187, -4.0634,
29.5835

■ 55.9979, -0.2605,
33.5860

■ 61.6301, -4.7282,
26.7762

■ 54.7535, 1.5406,
33.5947

■ 63.2111, -5.0802,
23.2192

■ 54.3904, 2.0966,
33.5518

■ 64.8608, -5.1207,
18.9234

■ 66.5780, -4.8542,
13.9078

■ 68.3612, -4.2882,
8.1970

■ 70.2086, -3.4321,
1.8193

■ 72.1183, -2.2967,
-5.1943

■ 74.0881, -0.8937,
-12.8119

Harmonies

Analogous

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



58.6769, 20.7459, 29.2151



58.6755, -3.0870, 31.6404



58.6769, -23.6502, 29.2346

Triad

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



58.6769, -3.0894, 31.6409



58.6769, -36.8008, -21.9758



58.6769, 40.3458, -22.0790

Complementary

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



58.6755, -3.0870, 31.6404



34.3611, 14.3490, -57.7737

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.



58.6769, 20.6569, -46.3188



58.6755, -3.0870, 31.6404



58.6769, -23.7164, -46.2448

Square

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



58.6769, -3.0894, 31.6409



58.6769, -41.1903, 3.2363



58.6769, -3.1786, -56.5128



58.6769, 48.0667, 3.1515

Rectangle

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



58.6755, -3.0870, 31.6404



58.6769, -33.3393, 24.3581



58.6769, -3.1786, -56.5128



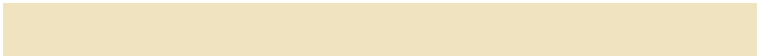
58.6769, 34.7717, -30.9170

Sweetspot

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



58.6769, -3.0894, 31.6409



88.3316, -6.6589, 20.9333



37.9799, 44.4901, 8.3749



40.7150, -3.1396, 10.5921



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.



58.6769, -3.0894, 31.6409



75.9298, -1.5831, 44.5814



64.7338, -26.3758, 35.3829



31.8398, -2.0830, 4.4869



45.0100, 1.5052, 27.7613



8.9562, -0.5754, 5.5087

Inverse Universe

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



34.3611, 14.3490, -57.7737



38.3281, 29.7702, -103.0240



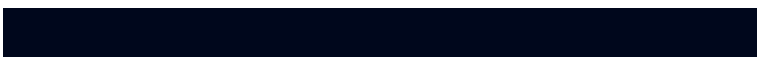
30.1927, 34.8952, -70.9166



30.0853, -1.1082, -1.3448



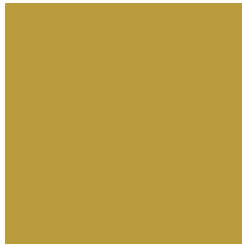
19.1560, 28.0233, -84.4376



4.7588, 2.2269, -10.7553

Previews

White Background



This preview shows how the HunterLab color 58.6755, -3.0870, 31.6404 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 58.6755, -3.0870, 31.6404 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 58.6755, -3.0870, 31.6404 Background



This preview shows how black text looks on a background with the HunterLab color 58.6755, -3.0870, 31.6404.



This preview shows how white text looks on a background with the HunterLab color 58.6755, -3.0870,

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

58.6755, -3.0870, 31.6404

Protanopia

58.7292, -7.3425, 31.4592

Deuteranopia

58.6195, 3.9620, 31.4340



Tritanopia

58.6207, 14.4720, 3.6581

Trichromacy



Original Color

58.6755, -3.0870, 31.6404

Protanomaly

58.7408, -5.8025, 31.4942

Deuteranomaly

58.7092, 1.4021, 31.5984

Tritanomaly

58.4721, 6.7074, 17.1467

Monochromacy



Original Color

58.6755, -3.0870, 31.6404

Achromatopsia

56.8457, -3.0331, 3.0885

Achromatomaly

57.2696, -4.7576, 16.8098

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.6755, -3.0870, 31.6404 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(185, 156, 61)` looks like.

```
.text, #text, p{  
    color:rgb(185, 156, 61)  
}
```

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(185, 156, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 156, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 58.6755, -3.0870, 31.6404 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(185, 156, 61) }
```


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

```
.border{ border-color:rgb(185, 156, 61) }
```

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

Here you see how a box with a 4 pixel rgb(185, 156, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 156, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 156, 61);  
box-shadow:4px 4px 4px 4px rgb(185, 156,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.6755, -3.0870, 31.6404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 156, 61) }
```

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

```
.background{ background-color: rgb(185,  
156, 61) }
```

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