

Converting Colors

HunterLab(51.6957, 13.1744,
21.2456)

Have a look what the booklet for
HunterLab(51.6957, 13.1744,
21.2456) contains.

HunterLab(51.6957, 13.1744, 21.2456)	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(51.6957, 13.1744,
21.2456)**

Conversions

Conversions Part 1

Format	Color
Hex	BB8059
RGB	187, 128, 89
RGB Percent	73%, 50%, 35%
CMY	0.2667, 0.4980, 0.6510
CMYK	0.00, 0.32, 0.52, 0.27
HSL	24°, 42%, 54%
HSV	24°, 52%, 73%
XYZ	30.0159, 26.7245, 13.0276
YIQ	141.1950, 47.6830, 0.3790

Conversions

Conversions Part 2

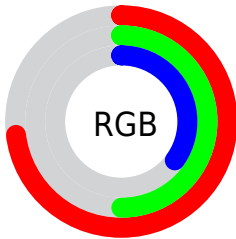
Format	Color
R_{YB}	187, 154, 89
Decimal	12288089
CIE Lab	58.72, 18.43, 30.27
CIE LCh	59, 35.441, 58.671
Yxy	26.7258, 0.4302, 0.3831
Android (android.graphics.Color)	4290478169 (0xFFBB8059)
YUV	141.1950, -25.7321, 40.1710
Hunter-Lab	51.6957, 13.1744, 21.2456

Details

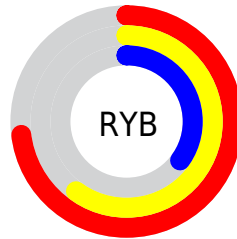
The HunterLab color **51.6957, 13.1744, 21.2456** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **51.8559, -9.2397, -21.9618**, and the grayscale version is **51.7748, -2.7626, 2.8130**.

A 20% lighter version of the original color is **73.8472, 14.0166, 25.8296**, and **32.5337, 12.0546, 16.2662** is the 20% darker color. If you saturate the color by 10%, you get **48.6567, 17.3522, 23.1641**, and if you desaturate by 10%, it is **54.9386, 9.3066, 18.7945**.

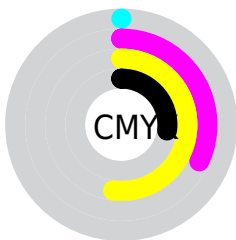
Distribution



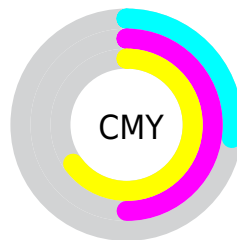
- Red (73%)
- Green (50%)
- Blue (35%)



- Red (73%)
- Yellow (60%)
- Blue (35%)



- Cyan (0%)
- Magenta (32%)
- Yellow (52%)
- Black (27%)



- Cyan (27%)
- Magenta (50%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6957, 13.1744, 21.2456 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 51.6957, 13.1744, 21.2456 by changing the saturation by 10% instead.

■ 51.6957, 13.1744,
21.2456

■ 51.6957, 13.1744,
21.2456

169.2120, 13.9007,
40.5528

■ 41.6742, 12.7317,
18.7621

■ 73.7858, 13.7864,
25.8996

■ 32.3987, 12.1861,
16.1283

■ 85.7739, 13.9794,
28.1134

■ 23.9365, 11.5176,
13.2935

■ 98.3489, 14.1056,
30.2723

■ 16.3748, 10.7035,
10.9557

■ 111.4847, 14.1706,
32.3872

■ 9.8373, 9.7180,
6.8861

■ 125.1582, 14.1790,
34.4666

0.0000, INF, NaN

0.0000, NaN, NaN

139.3491, 14.1346,

36.5172

0.0000, NaN, NaN

154.0392, 14.0409,
38.5445

0.0000, NaN, NaN

■ 51.6957, 13.1744,
21.2456

■ 51.6957, 13.1744,
21.2456

■ 48.6567, 17.3522,
23.1641

■ 54.9386, 9.3066,
18.7945

■ 45.8394, 21.8282,
24.4866

■ 58.3614, 5.7567,
15.8717

■ 43.2678, 26.5523,
25.1645

■ 61.9471, 2.5104,
12.5371

■ 40.9632, 31.4384,
25.1799

■ 65.6798, -0.4509,
8.8434

■ 39.3948, 35.1413,
24.8901

■ 69.5452, -3.1490,
4.8362

■ 73.5310, -5.6070,
0.5547

■ 77.6265, -7.8472,
-3.9680

■ 81.8225, -9.8908,
-8.7044

■ 86.0240, -12.2395,
-12.4128

Harmonies

Analogous

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



51.6970, 25.1755, 14.3617



51.6957, 13.1744, 21.2456



51.6970, -2.0880, 23.4716

Triad

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



51.6970, 13.1719, 21.2463



51.6970, -28.6407, 3.4487



51.6970, 11.8773, -27.6556

Complementary

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



51.6957, 13.1744, 21.2456



51.8559, -9.2397, -21.9618

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.



51.6970, -3.4310, -32.9907



51.6957, 13.1744, 21.2456



51.6970, -25.7922, -12.2223

Square

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



51.6970, 13.1719, 21.2463



51.6970, -25.2425, 15.1847



51.6970, -16.9714, -26.6763



51.6970, 24.3700, -13.6539

Rectangle

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



51.6957, 13.1744, 21.2456



51.6970, -11.7081, 22.6985



51.6970, -16.9714, -26.6763



51.6970, 6.8388, -30.6725

Sweetspot

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



51.6970, 13.1719, 21.2463



85.9513, 0.8803, 13.7925



44.6023, 40.1083, -9.8531



39.8499, 0.7969, 6.9526



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



51.6970, 13.1719, 21.2463



64.4872, 24.1628, 31.3416



64.9362, -9.9043, 31.2102



31.8477, -0.6192, 3.6466



32.9027, 28.6441, 20.7760



7.4326, 3.4858, 4.6410

Inverse Universe

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



51.8559, -9.2397, -21.9618



64.6805, -11.4327, -37.5283



38.6131, 14.1974, -48.1470



31.8667, -2.6577, -0.2668



32.6928, -1.0394, -38.6193



7.3704, -1.6298, -5.6941

Previews

White Background



This preview shows how the HunterLab color 51.6957, 13.1744, 21.2456 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 51.6957, 13.1744, 21.2456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

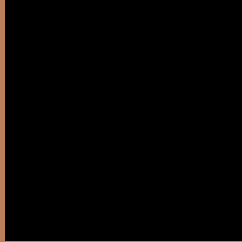
Any Text WCAG AA ✓ Pass

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 51.6957, 13.1744, 21.2456 Background



This preview shows how black text looks on a background with the HunterLab color 51.6957, 13.1744, 21.2456.



This preview shows how white text looks on a background with the HunterLab color 51.6957, 13.1744,

21.2456.

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

51.6957, 13.1744, 21.2456

Protanopia

51.9848, -5.0629, 19.8663

Deuteranopia

51.6628, 3.6379, 21.3025



Tritanopia

51.7484, 21.4865, 7.2521

Trichromacy



Original Color

51.6957, 13.1744, 21.2456

Protanomaly

51.7407, 1.2324, 20.3014

Deuteranomaly

51.5308, 7.3111, 21.2583

Tritanomaly

51.7175, 18.1191, 13.2430

Monochromacy



Original Color

51.6957, 13.1744, 21.2456

Achromatopsia

51.6097, -2.7538, 2.8041

Achromatomaly

51.2665, 2.2644, 10.3358

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6957, 13.1744, 21.2456 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(187, 128, 89)` looks like.

```
.text, #text, p{  
    color:rgb(187, 128, 89)  
}
```

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(187, 128, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 128, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6957, 13.1744, 21.2456 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(187, 128, 89) }
```


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

```
.border{ border-color:rgb(187, 128, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 128, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 128, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 128, 89);  
box-shadow:4px 4px 4px 4px rgb(187, 128,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6957, 13.1744, 21.2456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 128, 89) }
```

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

```
.background{ background-color: rgb(187,  
128, 89) }
```

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