

Converting Colors

HunterLab(48.5910, 16.9526,
27.1965)

Have a look what the booklet for
HunterLab(48.5910, 16.9526,
27.1965) contains.

HunterLab(48.4758, 17.1851, 27.1350)	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(48.4758, 17.1851,
27.1350)**

Conversions

Conversions Part 1

Format	Color
Hex	BD742D
RGB	189, 116, 45
RGB Percent	74%, 45%, 18%
CMY	0.2588, 0.5451, 0.8235
CMYK	0.00, 0.39, 0.76, 0.26
HSL	30°, 62%, 46%
HSV	30°, 76%, 74%
XYZ	27.7053, 23.4990, 5.5581
YIQ	129.7330, 66.2990, -6.6050

Conversions

Conversions Part 2

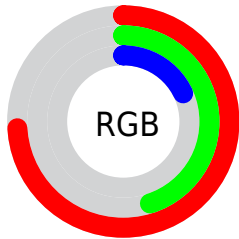
Format	Color
R _{YB}	189, 185, 45
Decimal	12416045
CIE Lab	55.58, 22.97, 49.23
CIE LCh	56, 54.324, 64.984
Yxy	23.5002, 0.4881, 0.4140
Android (android.graphics.Color)	4290606125 (0xFFBD742D)
YUV	129.7330, -41.7734, 51.9772
Hunter-Lab	48.4758, 17.1851, 27.1350

Details

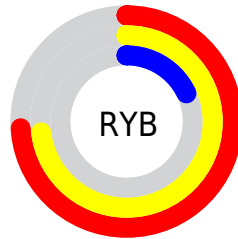
The HunterLab color **48.4758, 17.1851, 27.1350** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **41.4583, -0.4539, -43.3125**, and the grayscale version is **47.2837, -2.5229, 2.5690**.

A 20% lighter version of the original color is **70.1110, 18.5878, 34.3720**, and **29.5975, 15.8294, 18.5150** is the 20% darker color. If you saturate the color by 10%, you get **46.1407, 21.2751, 27.5407**, and if you desaturate by 10%, it is **50.9940, 13.3814, 26.0339**.

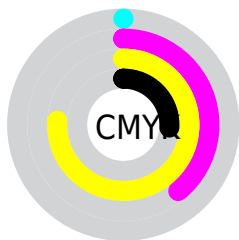
Distribution



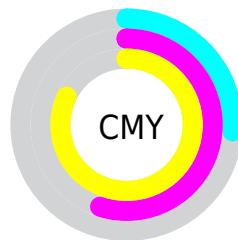
- Red (74%)
- Green (45%)
- Blue (18%)



- Red (74%)
- Yellow (73%)
- Blue (18%)



- Cyan (0%)
- Magenta (39%)
- Yellow (76%)
- Black (26%)



- Cyan (26%)
- Magenta (55%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.4758, 17.1851, 27.1350 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 48.4758, 17.1851, 27.1350 by changing the saturation by 10% instead.

48.4758, 17.1851,
27.1350

48.4758, 17.1851,
27.1350

164.4032, 19.7386,
55.8544

38.6825, 16.4895,
23.2242

70.1523, 18.2638,
34.3424

29.6541, 15.6766,
19.0631

81.9503, 18.6743,
37.7064

21.4635, 14.7257,
15.0245

94.3443, 19.0088,
40.9458

14.2073, 13.6179,
9.9451

107.3068, 19.2740,
44.0807

7.8624, 13.1905,
5.5037

120.8140, 19.4753,
47.1271

0.0000, INF, NaN

0.0000, NaN, NaN

134.8447, 19.6172,

50.0980

0.0000, NaN, NaN

149.3801, 19.7039,
53.0041

0.0000, NaN, NaN

■ 48.4758, 17.1851,
27.1350

■ 48.4758, 17.1851,
27.1350

■ 46.1407, 21.2751,
27.5407

■ 50.9940, 13.3814,
26.0339

■ 43.9945, 25.6027,
27.2787

■ 53.6793, 9.9005,
24.2555

■ 43.2220, 27.2665,
27.1106

■ 56.5206, 6.7491,
21.8408

■ 59.5055, 3.9235,
18.8394

■ 62.6224, 1.4121,
15.3037

■ 65.8606, -0.8020,
11.2850

■ 69.2104, -2.7382,
6.8312

■ 72.6628, -4.4169,
1.9859

■ 76.2100, -5.8585,
-3.2119

Harmonies

Analogous

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



48.4771, 38.3830, 20.8554



48.4758, 17.1851, 27.1350



48.4771, -6.3057, 28.3933

Triad

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



48.4771, 17.1822, 27.1355



48.4771, -38.7188, -1.0903



48.4771, 24.9159, -44.8956

Complementary

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



48.4758, 17.1851, 27.1350



41.4583, -0.4539, -43.3125

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.



48.4771, 1.2427, -59.2185



48.4758, 17.1851, 27.1350



48.4771, -33.2934, -27.5361

Square

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



48.4771, 17.1822, 27.1355



48.4771, -36.0080, 17.0627



48.4771, -19.6253, -51.7303



48.4771, 43.3905, -18.2903

Rectangle

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



48.4758, 17.1851, 27.1350



48.4771, -19.6063, 27.1391



48.4771, -19.6253, -51.7303



48.4771, 17.1566, -51.7495

Sweetspot

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



48.4771, 17.1822, 27.1355



85.0137, 1.0146, 19.0260



37.4663, 54.8678, -3.7718



38.7069, 0.9936, 9.6837



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.



48.4771, 17.1822, 27.1355



59.9196, 32.0732, 36.7310



68.1022, -16.5768, 39.5125



32.0816, -1.0145, 3.9003



35.6679, 21.8650, 22.3612



7.9328, 2.4353, 4.9308

Inverse Universe

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



41.4583, -0.4539, -43.3125



49.0580, 6.7143, -73.8636



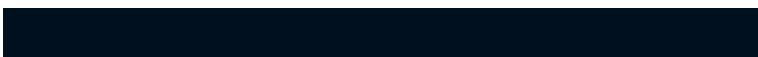
25.0945, 36.4640, -97.6463



31.6278, -2.2666, -0.5570



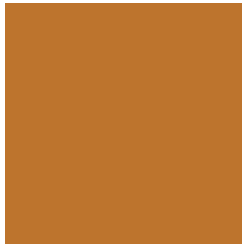
28.6885, 6.1621, -49.1603



6.7313, -0.6365, -7.0395

Previews

White Background



This preview shows how the HunterLab color 48.4758, 17.1851, 27.1350 looks on a white background.

Color Contrast Check

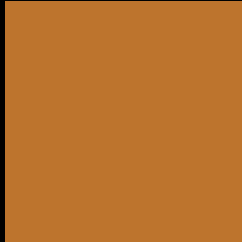
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.4758, 17.1851, 27.1350 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 48.4758, 17.1851, 27.1350 Background



This preview shows how black text looks on a background with the HunterLab color 48.4758, 17.1851, 27.1350.



This preview shows how white text looks on a background with the HunterLab color 48.4758, 17.1851,

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

48.4758, 17.1851, 27.1350

Protanopia

48.6519, -6.2764, 26.1917

Deuteranopia

48.5328, 3.0655, 27.3966



Tritanopia

48.5377, 27.8564, 9.8386

Trichromacy



Original Color

48.4758, 17.1851, 27.1350

Protanomaly

48.2542, 2.2366, 26.3373

Deuteranomaly

48.4221, 8.0833, 27.2969

Tritanomaly

48.5285, 23.2920, 18.2184

Monochromacy



Original Color

48.4758, 17.1851, 27.1350

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.0610, 2.4090, 14.1692

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.4758, 17.1851, 27.1350 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(189, 116, 45)` looks like.

```
.text, #text, p{  
    color:rgb(189, 116, 45)  
}
```

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(189, 116, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 116, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 48.4758, 17.1851, 27.1350 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(189, 116, 45) }
```


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

```
.border{ border-color:rgb(189, 116, 45) }
```

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

Here you see how a box with a 4 pixel rgb(189, 116, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 116, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 116, 45);  
box-shadow:4px 4px 4px 4px rgb(189, 116,  
45) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.4758, 17.1851, 27.1350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 116, 45) }
```

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

```
.background{ background-color: rgb(189,  
116, 45) }
```

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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