

Converting Colors

HunterLab(17.0770, -0.7723,
6.0085)

Have a look what the booklet for
HunterLab(17.0770, -0.7723, 6.0085)
contains.

HunterLab(17.0770, -0.7723, 6.0085)	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(17.0770, -0.7723,
6.0085)**

Conversions

Conversions Part 1

Format	Color
Hex	362F1F
RGB	54, 47, 31
RGB Percent	21%, 18%, 12%
CMY	0.7882, 0.8157, 0.8784
CMYK	0.00, 0.13, 0.43, 0.79
HSL	42°, 27%, 17%
HSV	42°, 43%, 21%
XYZ	2.7852, 2.9162, 1.7124
YIQ	47.2690, 9.3080, -3.4920

Conversions

Conversions Part 2

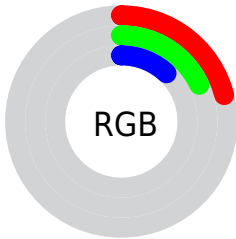
Format	Color
R_YB	41, 54, 31
Decimal	3551007
CIE Lab	19.71, 0.25, 11.45
CIE LCh	20, 11.455, 88.769
Yxy	2.9164, 0.3757, 0.3934
Android (android.graphics.Color)	4281741087 (0xFF362F1F)
YUV	47.2690, -8.0206, 5.9031
Hunter-Lab	17.0770, -0.7723, 6.0085

Details

The HunterLab color **17.0770, -0.7723, 6.0085** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.9421, 0.2346, -6.2465**, and the grayscale version is **16.9732, -0.9056, 0.9222**.

A 20% lighter version of the original color is **33.3218, -1.7919, 8.6571**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.6173, -0.5555, 6.8258**, and if you desaturate by 10%, it is **17.5532, -0.9283, 5.0533**.

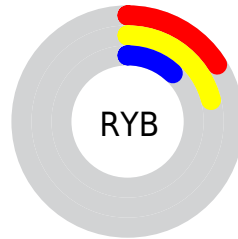
Distribution



Red (21%)

Green (18%)

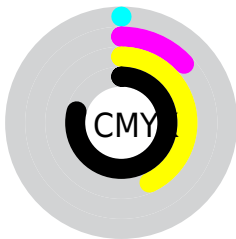
Blue (12%)



Red (16%)

Yellow (21%)

Blue (12%)

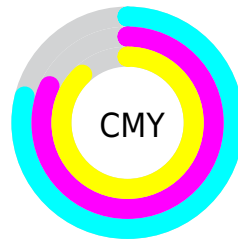


Cyan (0%)

Magenta (13%)

Yellow (43%)

Black (79%)



Cyan (79%)

Magenta (82%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0770, -0.7723, 6.0085 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 17.0770, -0.7723, 6.0085 by changing the saturation by 10% instead.

■ 17.0770, -0.7723,
6.0085

■ 17.0770, -0.7723,
6.0085

■ 112.8096, -5.7643,
17.0858

■ 10.4318, -0.4390,
5.2035

■ 33.2785, -1.6036,
8.6166

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 42.6303, -2.0882,
9.8516

0.0000, NaN, NaN

■ 52.7238, -2.6135,
11.0659

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.5080, -3.1765,
12.2697

0.0000, NaN, NaN

■ 74.9412, -3.7750,
13.4696

0.0000, NaN, NaN

■ 86.9884, -4.4068,

0.0000, NaN, NaN

14.6702

■ 99.6198, -5.0704,
15.8748

■ 17.0770, -0.7723,
6.0085

■ 17.0770, -0.7723,
6.0085

■ 16.6173, -0.5555,
6.8258

■ 17.5532, -0.9283,
5.0533

■ 16.1732, -0.2752,
7.5004

■ 18.0442, -1.0233,
3.9646

■ 15.7456, 0.0683,
8.0298

■ 18.5499, -1.0595,
2.7481

■ 15.3347, 0.4741,
8.4138

■ 19.0697, -1.0391,
1.4096

■ 14.9334, 0.9016,
8.7616

■ 19.6032, -0.9642,
-0.0448

■ 14.6392, 1.2154,
9.0419

■ 20.1498, -0.8373,
-1.6091

■ 20.7090, -0.6605,
-3.2774

■ 21.2804, -0.4365,
-5.0439

■ 21.8633, -0.1674,
-6.9031

Harmonies

Analogous

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



17.0774, 2.5733, 5.3990



17.0770, -0.7723, 6.0085



17.0774, -3.9155, 5.4921

Triad

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



17.0774, -0.7729, 6.0087



17.0774, -6.2211, -2.3055



17.0774, 4.9793, -2.5791

Complementary

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



17.0770, -0.7723, 6.0085



13.9421, 0.2346, -6.2465

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.



17.0774, 2.3143, -5.3927



17.0770, -0.7723, 6.0085



17.0774, -4.1387, -5.2145

Square

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



17.0774, -0.7729, 6.0087



17.0774, -6.9107, 1.0613



17.0774, -1.0509, -6.4388



17.0774, 6.0490, 0.7968

Rectangle

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



17.0770, -0.7723, 6.0085



17.0774, -5.5102, 4.5087



17.0774, -1.0509, -6.4388



17.0774, 4.2307, -3.6444

Sweetspot

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



17.0774, -0.7729, 6.0087



24.3065, -1.3910, 3.7950



13.8060, 6.4271, 0.6413



12.6698, -0.7258, 2.0502



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



17.0774, -0.7729, 6.0087



21.7746, -0.6934, 9.0786



18.4659, -4.5605, 7.1364



10.5439, -0.5943, 1.2368



24.3244, 3.0733, 15.0424



61.4398, 10.5066, 38.0428

Inverse Universe

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



13.9421, 0.2346, -6.2465



16.6624, 1.0773, -11.1661



12.6787, 3.9481, -8.4391



10.1835, -0.4900, -0.1481



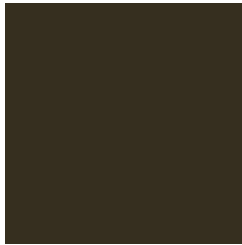
12.6356, 10.8980, -39.3190



30.1871, 34.7865, -112.8254

Previews

White Background



This preview shows how the HunterLab color 17.0770, -0.7723, 6.0085 looks on a white background.

Color Contrast Check

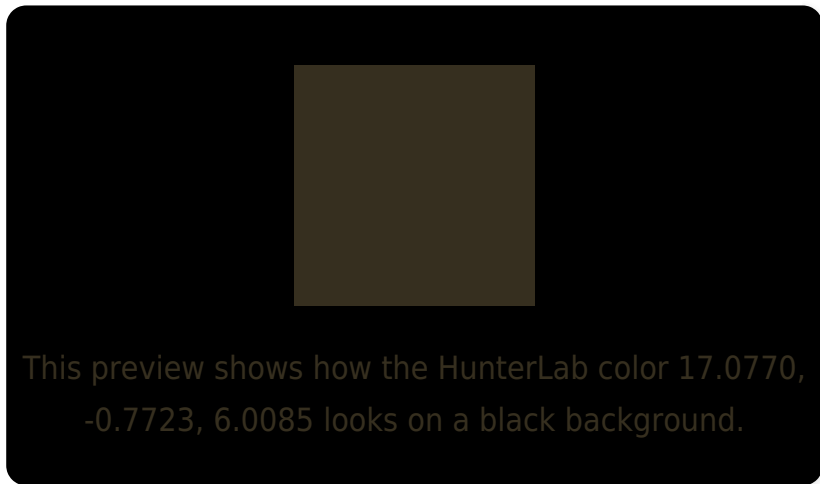
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

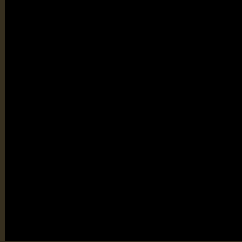
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 17.0770, -0.7723, 6.0085 Background



This preview shows how black text looks on a background with the HunterLab color 17.0770, -0.7723, 6.0085.

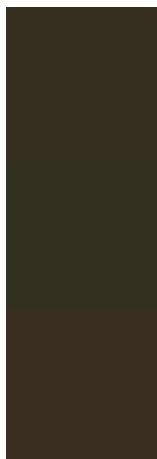


This preview shows how white text looks on a background with the HunterLab color 17.0770, -0.7723, 6.0085.

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

17.0770, -0.7723, 6.0085

Protanopia

17.1549, -1.7142, 6.0604

Deuteranopia

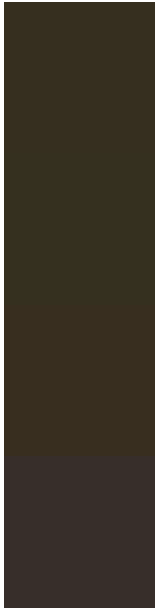
17.0961, 0.4823, 6.0473



Tritanopia

17.1199, 2.3910, 0.9069

Trichromacy



Original Color

17.0770, -0.7723, 6.0085

Protanomaly

17.2329, -1.4399, 6.1336

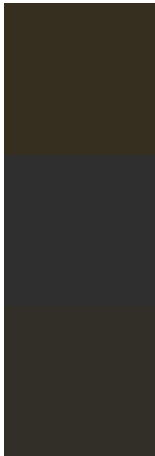
Deuteranomaly

17.0108, 0.1917, 5.9671

Tritanomaly

17.1271, 0.9859, 2.9880

Monochromacy



Original Color

17.0770, -0.7723, 6.0085

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.9447, -0.8721, 3.0857

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0770, -0.7723, 6.0085 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(54, 47, 31)` looks like.

```
.text, #text, p{  
    color:rgb(54, 47, 31)  
}
```

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(54, 47, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 47, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0770, -0.7723, 6.0085 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(54, 47, 31) }
```


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

```
.border{ border-color:rgb(54, 47, 31) }
```

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

Here you see how a box with a 4 pixel rgb(54, 47, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 47, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 47, 31);  
box-shadow:4px 4px 4px 4px rgb(54, 47, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0770, -0.7723, 6.0085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 47, 31) }
```

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

```
.background{ background-color: rgb(54, 47,  
31) }
```

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