

Converting Colors

HunterLab(40.9329, -5.7969,
11.5762)

Have a look what the booklet for
HunterLab(40.9329, -5.7969,
11.5762) contains.

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Color

**HunterLab(40.7769, -5.6794,
11.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	737359
RGB	115, 115, 89
RGB Percent	45%, 45%, 35%
CMY	0.5490, 0.5490, 0.6510
CMYK	0.00, 0.00, 0.23, 0.55
HSL	60°, 13%, 40%
HSV	60°, 23%, 45%
XYZ	15.0041, 16.6276, 11.8698
YIQ	112.0360, 8.3460, -8.0860

Conversions

Conversions Part 2

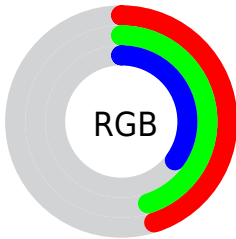
Format	Color
R_{YB}	89, 115, 89
Decimal	7566169
CIE _{Lab}	47.79, -4.72, 14.44
CIE _{LCh}	48, 15.190, 108.106
Yxy	16.6283, 0.3449, 0.3822
Android (android.graphics.Color)	4285756249 (0xFF737359)
YUV	112.0360, -11.3567, 2.5994
Hunter-Lab	40.7769, -5.6794, 11.2850

Details

The HunterLab color $40.7769, -5.6794, 11.2850$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $32.4143, 2.6792, -9.6492$, and the grayscale version is $40.3073, -2.1507, 2.1900$.

A 20% lighter version of the original color is $61.4142, -7.4470, 14.1315$, and $23.1992, -3.9899, 8.3843$ is the 20% darker color. If you saturate the color by 10%, you get $40.5584, -6.9045, 14.4711$, and if you desaturate by 10%, it is $41.0328, -4.2662, 7.6041$.

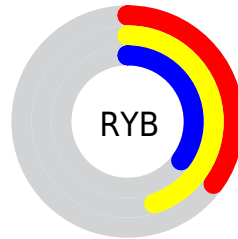
Distribution



Red (45%)

Green (45%)

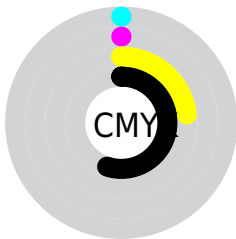
Blue (35%)



Red (35%)

Yellow (45%)

Blue (35%)

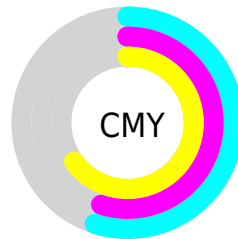


Cyan (0%)

Magenta (0%)

Yellow (23%)

Black (55%)



Cyan (55%)

Magenta (55%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7769, -5.6794, 11.2850 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 40.7769, -5.6794, 11.2850 by changing the saturation by 10% instead.

■ 40.7769, -5.6794,
11.2850

■ 40.7769, -5.6794,
11.2850

152.6503,
-13.6468, 23.5460

■ 31.5750, -4.8925,
9.8336

■ 61.3886, -7.3097,
14.0755

■ 23.1926, -4.1179,
8.3141

■ 72.7002, -8.1536,
15.4392

■ 15.7203, -3.3499,
6.6855

■ 84.6321, -9.0179,
16.7927

■ 9.2855, -2.7112,
6.4999

■ 97.1536, -9.9027,
18.1409

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.2382,
-10.8082, 19.4878

0.0000, NaN, NaN

123.8625,

0.0000, NaN, NaN

-11.7341, 20.8363

0.0000, NaN, NaN

138.0060,
-12.6804, 22.1884

■ 40.7769, -5.6794,
11.2850

■ 40.7769, -5.6794,
11.2850

■ 40.5584, -6.9045,
14.4711

■ 41.0328, -4.2662,
7.6041

■ 40.3735, -7.9414,
17.1696

■ 41.3244, -2.6601,
3.4231

■ 40.2217, -8.7964,
19.3946

■ 41.6533, -0.8624,
-1.2569

■ 40.1012, -9.4770,
21.1652

■ 42.0199, 1.1251,
-6.4315

■ 40.0102, -9.9927,
22.5066

■ 42.4246, 3.2992,
-12.0923

■ 39.9462, -10.3559,
23.4511

■ 42.8675, 5.6556,
-18.2281

■ 39.9062, -10.5834,
24.0421

■ 43.3487, 8.1886,
-24.8245

■ 39.8827, -10.7165,
24.3880

■ 43.8680, 10.8920,
-31.8651

■ 44.4251, 13.7586,
-39.3314

Harmonies

Analogous

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



40.7778, 0.2122, 11.5154



40.7769, -5.6794, 11.2850



40.7778, -10.3669, 8.8520

Triad

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



40.7778, -5.6806, 11.2855



40.7778, -9.5555, -6.7629



40.7778, 9.6594, -0.0930

Complementary

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



40.7769, -5.6794, 11.2850



32.4143, 2.6792, -9.6492

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.



40.7778, 6.7130, -5.7561



40.7769, -5.6794, 11.2850



40.7778, -4.5143, -9.9610

Square

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



40.7778, -5.6806, 11.2855



40.7778, -12.5140, -1.3177



40.7778, 1.4469, -9.5681



40.7778, 9.3026, 5.4660

Rectangle

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



40.7769, -5.6794, 11.2850



40.7778, -12.2810, 6.0810



40.7778, 1.4469, -9.5681



40.7778, 9.0158, -2.0606

Sweetspot

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



40.7778, -5.6806, 11.2855



55.1129, -4.5745, 7.2227



33.9282, 6.1069, 4.4969



26.9111, -2.2765, 3.6377



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



40.7778, -5.6806, 11.2855



54.4105, -8.4682, 17.3577



39.7597, -9.3577, 10.2419



20.6549, -1.8666, 3.1008



42.6419, -11.4580, 26.0752



94.1326, -25.2942, 57.5612

Inverse Universe

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



32.4143, 2.6792, -9.6492



40.7869, 5.2469, -16.9961



33.4779, 6.1793, -7.9898



18.9470, -0.1776, -1.1275



11.8961, 32.2674, -84.5209



26.2603, 71.2304, -186.5852

Previews

White Background



This preview shows how the HunterLab color 40.7769, -5.6794, 11.2850 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 × Fail

Black Background



This preview shows how the HunterLab color 40.7769, -5.6794, 11.2850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

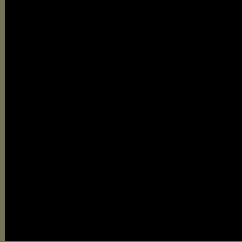
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

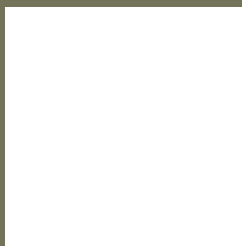
Any Text WCAG AAA × Fail

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

HunterLab 40.7769, -5.6794, 11.2850 Background



This preview shows how black text looks on a background with the HunterLab color 40.7769, -5.6794, 11.2850.



This preview shows how white text looks on a background with the HunterLab color 40.7769, -5.6794,

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

40.7769, -5.6794, 11.2850

Protanopia

40.7183, -3.0816, 11.5930

Deuteranopia

40.7198, 2.5159, 11.0512



Tritanopia

40.8006, 1.5832, -0.6529

Trichromacy



Original Color

40.7769, -5.6794, 11.2850

Protanomaly

40.8181, -4.1454, 11.6687

Deuteranomaly

40.6727, -0.3697, 10.9554

Tritanomaly

40.6743, -0.8510, 3.9588

Monochromacy



Original Color

40.7769, -5.6794, 11.2850

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.3986, -3.4754, 5.6115

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7769, -5.6794, 11.2850 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(115, 115, 89)` looks like.

```
.text, #text, p{  
    color:rgb(115, 115, 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(115, 115, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 115, 89) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7769, -5.6794, 11.2850 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(115, 115, 89) }
```


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

```
.border{ border-color:rgb(115, 115, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 115, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 115, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 115, 89);  
box-shadow:4px 4px 4px 4px rgb(115, 115,  
89) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7769, -5.6794, 11.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 115, 89) }
```

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

```
.background{ background-color: rgb(115,  
115, 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](#).

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