

Converting Colors

HunterLab(40.3690, -4.6830,
12.3365)

Have a look what the booklet for
HunterLab(40.3690, -4.6830,
12.3365) contains.

HunterLab(40.2893, -4.7517, 12.3998)	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(40.2893, -4.7517,
12.3998)**

Conversions

Conversions Part 1

Format	Color
Hex	757154
RGB	117, 113, 84
RGB Percent	46%, 44%, 33%
CMY	0.5412, 0.5569, 0.6706
CMYK	0.00, 0.03, 0.28, 0.54
HSL	53°, 16%, 39%
HSV	53°, 28%, 46%
XYZ	14.8415, 16.2323, 10.7384
YIQ	110.8900, 11.6930, -8.1710

Conversions

Conversions Part 2

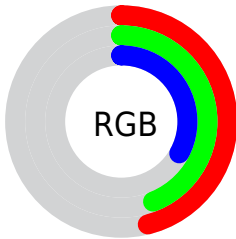
Format	Color
R_{YB}	89, 117, 84
Decimal	7696724
CIE Lab	47.28, -3.50, 16.70
CIE LCh	47, 17.060, 101.853
Yxy	16.2330, 0.3550, 0.3882
Android (android.graphics.Color)	4285886804 (0xFF757154)
YUV	110.8900, -13.2568, 5.3585
Hunter-Lab	40.2893, -4.7517, 12.3998

Details

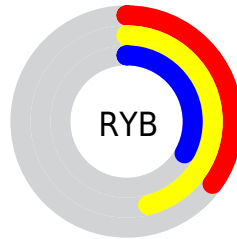
The HunterLab color $40.2893, -4.7517, 12.3998$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $31.8565, 2.2825, -11.6530$, and the grayscale version is $39.8745, -2.1276, 2.1665$.

A 20% lighter version of the original color is $60.8823, -6.5068, 15.4371$, and $22.7069, -3.2586, 8.9229$ is the 20% darker color. If you saturate the color by 10%, you get $39.6875, -5.2974, 15.1263$, and if you desaturate by 10%, it is $40.9275, -4.0283, 9.2219$.

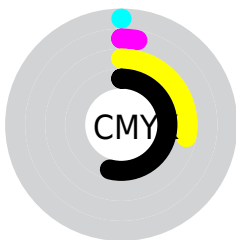
Distribution



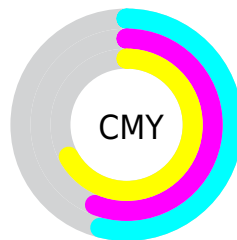
- Red (46%)
- Green (44%)
- Blue (33%)



- Red (35%)
- Yellow (46%)
- Blue (33%)



- Cyan (0%)
- Magenta (3%)
- Yellow (28%)
- Black (54%)



- Cyan (54%)
- Magenta (56%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.2893, -4.7517, 12.3998 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 40.2893, -4.7517, 12.3998 by changing the saturation by 10% instead.

■ 40.2893, -4.7517,
12.3998

■ 40.2893, -4.7517,
12.3998

151.8923,
-12.1915, 25.7037

■ 31.1275, -4.0434,
10.7807

■ 60.8295, -6.2421,
15.4791

■ 22.7890, -3.3554,
9.0712

■ 72.1086, -7.0224,
16.9703

■ 15.3661, -2.6851,
7.2239

■ 84.0097, -7.8265,
18.4429

■ 8.9766, -2.1805,
6.2836

■ 96.5018, -8.6541,
19.9032

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.5583, -9.5048,
21.3561

0.0000, NaN, NaN

123.1556,

0.0000, NaN, NaN

-10.3783, 22.8054

0.0000, NaN, NaN

137.2731,
-11.2740, 24.2538

■ 40.2893, -4.7517,
12.3998

■ 40.2893, -4.7517,
12.3998

■ 39.6875, -5.2974,
15.1263

■ 40.9275, -4.0283,
9.2219

■ 39.1189, -5.6624,
17.3995

■ 41.5996, -3.1244,
5.5956

■ 38.5840, -5.8508,
19.2246

■ 42.3063, -2.0435,
1.5295

■ 38.0816, -5.8677,
20.6121

■ 43.0475, -0.7891,
-2.9656

■ 37.6103, -5.7209,
21.5802

■ 43.8228, 0.6343,
-7.8766

■ 37.1682, -5.4219,
22.1565

■ 44.6316, 2.2216,
-13.1887

■ 36.7472, -5.0160,
22.4583

■ 45.4734, 3.9668,
-18.8858

■ 36.6720, -4.9420,
22.5106

■ 46.3476, 5.8639,
-24.9511

■ 47.2535, 7.9063,
-31.3670

Harmonies

Analogous

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



40.2902, 1.9212, 12.1503



40.2893, -4.7517, 12.3998



40.2902, -10.3580, 10.2641

Triad

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



40.2902, -4.7529, 12.4003



40.2902, -11.2677, -6.8271



40.2902, 10.7755, -1.7952

Complementary

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



40.2893, -4.7517, 12.3998



31.8565, 2.2825, -11.6530

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.



40.2902, 6.7685, -7.9950



40.2893, -4.7517, 12.3998



40.2902, -6.0695, -11.2099

Square

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



40.2902, -4.7529, 12.4003



40.2902, -13.9523, -0.3946



40.2902, 0.5167, -11.6690



40.2902, 11.1853, 4.6198

Rectangle

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



40.2893, -4.7517, 12.3998



40.2902, -12.8494, 7.5348



40.2902, 0.5167, -11.6690



40.2902, 9.7931, -3.9978

Sweetspot

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



40.2902, -4.7529, 12.4003



55.6672, -4.1812, 7.4890



32.9150, 9.0192, 3.6521



26.6368, -2.0841, 3.8991



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.



40.2902, -4.7529, 12.4003



53.3718, -6.8732, 19.0957



40.4475, -9.9895, 12.4535



20.4798, -1.5808, 2.9158



38.4739, -5.1572, 23.6172



84.4385, -10.6027, 51.8450

Inverse Universe

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



31.8565, 2.2825, -11.6530



39.5468, 4.8230, -20.7295



31.8079, 7.2770, -11.6433



19.1176, -0.4675, -0.9132



13.2356, 26.8189, -74.4377



27.9965, 63.9260, -172.9912

Previews

White Background



This preview shows how the HunterLab color 40.2893, -4.7517, 12.3998 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 40.2893, -4.7517, 12.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

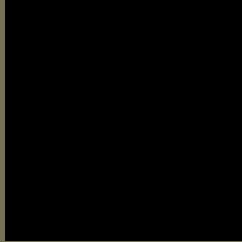
Any Text WCAG AA × Fail

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 40.2893, -4.7517, 12.3998 Background



This preview shows how black text looks on a background with the HunterLab color 40.2893, -4.7517, 12.3998.



This preview shows how white text looks on a background with the HunterLab color 40.2893, -4.7517, 12.3998.

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

40.2893, -4.7517, 12.3998

Protanopia

40.2759, -3.3829, 12.4114

Deuteranopia

40.3566, 2.4362, 12.2838



Tritanopia

40.3566, 2.6425, 0.1886

Trichromacy



Original Color

40.2893, -4.7517, 12.3998

Protanomaly

40.1875, -3.6935, 12.3243

Deuteranomaly

40.3977, -0.1403, 12.2769

Tritanomaly

40.2055, 0.1046, 5.0679

Monochromacy



Original Color

40.2893, -4.7517, 12.3998

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

40.0483, -3.4363, 6.3900

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.2893, -4.7517, 12.3998 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(117, 113, 84)` looks like.

```
.text, #text, p{  
    color:rgb(117, 113, 84)  
}
```

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(117, 113, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 113, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 40.2893, -4.7517, 12.3998 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(117, 113, 84) }
```


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

```
.border{ border-color:rgb(117, 113, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 113, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 113, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 113, 84);  
box-shadow:4px 4px 4px 4px rgb(117, 113,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.2893, -4.7517, 12.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 113, 84) }
```

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

```
.background{ background-color: rgb(117,  
113, 84) }
```

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