

Converting Colors

HunterLab(40.2041, -1.2235,
-0.2035)

Have a look what the booklet for
HunterLab(40.2041, -1.2235,
-0.2035) contains.

HunterLab(40.0409, -1.1925, -0.2681)	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(40.0409, -1.1925,
-0.2681)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6F75
RGB	111, 111, 117
RGB Percent	44%, 44%, 46%
CMY	0.5647, 0.5647, 0.5412
CMYK	0.05, 0.05, 0.00, 0.54
HSL	240°, 3%, 45%
HSV	240°, 5%, 46%
XYZ	15.4509, 16.0327, 19.1099
YIQ	111.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

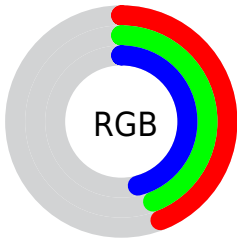
Format	Color
R_{YB}	111, 111, 117
Decimal	7303029
CIE _{Lab}	47.02, 1.25, -3.33
CIE _{LCh}	47, 3.554, 290.661
Yxy	16.0334, 0.3054, 0.3169
Android (android.graphics.Color)	4285493109 (0xFF6F6F75)
YUV	111.6840, 2.6208, -0.5999
Hunter-Lab	40.0409, -1.1925, -0.2681

Details

The HunterLab color $40.0409, -1.1925, -0.2681$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42.0143, -3.1406, 4.6110$, and the grayscale version is $40.1234, -2.1409, 2.1800$.

A 20% lighter version of the original color is $60.7005, -2.2353, 0.7003$, and $22.4532, -0.3260, -1.0374$ is the 20% darker color. If you saturate the color by 10%, you get $35.9664, 0.9836, -5.5642$, and if you desaturate by 10%, it is $44.2320, -3.2236, 4.6398$.

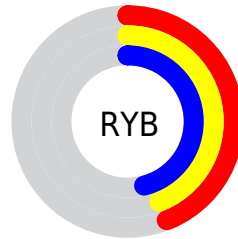
Distribution



Red (44%)

Green (44%)

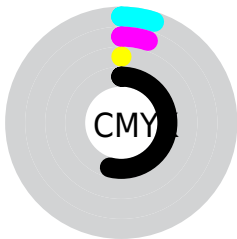
Blue (46%)



Red (44%)

Yellow (44%)

Blue (46%)

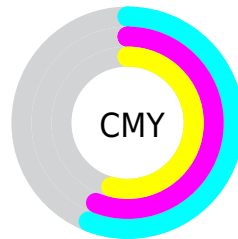


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (54%)



Cyan (56%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.0409, -1.1925, -0.2681 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 40.0409, -1.1925, -0.2681 by changing the saturation by 10% instead.

■ 40.0409, -1.1925,
-0.2681

■ 40.0409, -1.1925,
-0.2681

■ 151.5054, -6.6231,
4.5013

■ 30.8995, -0.7826,
-0.5754

■ 60.5444, -2.1500,
0.5075

■ 22.5836, -0.4235,
-0.8211

■ 71.8068, -2.6885,
0.9647

■ 15.1861, -0.1240,
-0.9938

■ 83.6921, -3.2636,
1.4636

■ 8.8146, 0.1492,
-1.1148

■ 96.1692, -3.8732,
2.0015

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.2113, -4.5153,
2.5760

0.0000, NaN, NaN

■ 122.7948, -5.1886,

0.0000, NaN, NaN

3.1853

0.0000, NaN, NaN

136.8991, -5.8915,
3.8276

■ 40.0409, -1.1925,
-0.2681

■ 40.0409, -1.1925,
-0.2681

■ 35.9664, 0.9836,
-5.5642

■ 44.2320, -3.2236,
4.6398

■ 32.0237, 3.3522,
-11.3679

■ 48.5237, -5.1407,
9.2461

■ 28.2378, 5.9712,
-17.8326

■ 52.9064, -6.9702,
13.6181

■ 24.6422, 8.9147,
-25.1528

■ 57.3716, -8.7315,
17.8067

■ 21.2849, 12.2666,
-33.5499

■ 61.9127, -10.4393,
21.8506

■ 18.2357, 16.0933,
-43.2008

■ 66.5239, -12.1052,
25.7800

■ 15.5949, 20.3581,
-54.0191

■ 71.2005, -13.7379,
29.6183

■ 13.4969, 24.7390,
-65.1818

■ 75.9384, -15.3446,
33.3841

■ 12.0235, 28.6117,
-75.0817

■ 80.7342, -16.9307,
37.0921

Harmonies

Analogous

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



40.0418, -2.5705, -0.4052



40.0409, -1.1925, -0.2681



40.0418, -0.0553, 0.5379

Triad

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



40.0418, -1.1934, -0.2674



40.0418, -0.4342, 4.0923



40.0418, -4.7362, 2.5890

Complementary

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



40.0409, -1.1925, -0.2681



42.0143, -3.1406, 4.6110

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.



40.0418, -4.1803, 3.7545



40.0409, -1.1925, -0.2681



40.0418, -1.7050, 4.6028

Square

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



40.0418, -1.1934, -0.2674



40.0418, 0.3872, 3.0644



40.0418, -3.0753, 4.4813



40.0418, -4.6034, 1.2741

Rectangle

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



40.0409, -1.1925, -0.2681



40.0418, 0.4088, 1.3304



40.0418, -3.0753, 4.4813



40.0418, -4.6240, 3.0106

Sweetspot

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



40.0418, -1.1934, -0.2674



55.2920, -2.4513, 1.7117



41.6946, -3.9446, 1.7345



26.5548, -1.1963, 0.8714



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.



40.0418, -1.1934, -0.2674



53.0150, -1.3077, -1.0594



40.2793, -0.3726, 0.0403



19.4961, -0.4639, -0.4336



11.8991, 32.2520, -84.4957



26.2631, 71.2162, -186.5619

Inverse Universe

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



40.3718, -0.3937, 2.7827



53.5467, -0.0231, 3.8578



41.7788, -3.9699, 4.3316



19.6976, 0.0225, 1.4295



20.4130, 34.9583, 13.1873



45.0618, 77.1701, 29.1150

Previews

White Background



This preview shows how the HunterLab color 40.0409, -1.1925, -0.2681 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 40.0409, -1.1925, -0.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

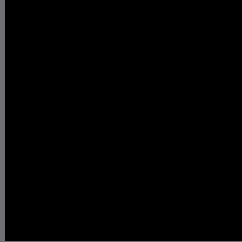
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

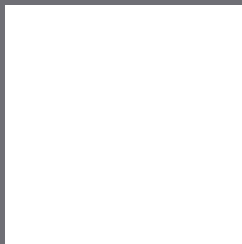
Any Text WCAG AAA × Fail

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

HunterLab 40.0409, -1.1925, -0.2681 Background



This preview shows how black text looks on a background with the HunterLab color 40.0409, -1.1925, -0.2681.



This preview shows how white text looks on a background with the HunterLab color 40.0409, -1.1925, -0.2681.

-0.2681.

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

40.0409, -1.1925, -0.2681

Protanopia

40.1223, -0.9116, -0.1625

Deuteranopia

39.9438, 2.6728, -0.7809



Tritanopia

40.1002, -0.8691, -1.1103

Trichromacy



Original Color

40.0409, -1.1925, -0.2681

Protanomaly

40.1223, -0.9116, -0.1625

Deuteranomaly

39.9478, 1.3214, -0.7995

Tritanomaly

40.0704, -1.0315, -0.6873

Monochromacy



Original Color

40.0409, -1.1925, -0.2681

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.3088, -1.8416, 1.3898

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.0409, -1.1925, -0.2681 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(111, 111, 117)` looks like.

```
.text, #text, p{  
    color:rgb(111, 111, 117)  
}
```

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(111, 111, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 111, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 40.0409, -1.1925, -0.2681 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(111, 111, 117) }
```


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

```
.border{ border-color:rgb(111, 111, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 111, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 111, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 111, 117);  
box-shadow:4px 4px 4px 4px rgb(111, 111,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.0409, -1.1925, -0.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 111, 117) }
```

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

```
.background{ background-color: rgb(111,  
111, 117) }
```

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