

Converting Colors

HunterLab(41.0283, -5.5263,
3.5009)

Have a look what the booklet for
HunterLab(41.0283, -5.5263, 3.5009)
contains.

HunterLab(40.9442, -5.4823, 3.3563)	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(40.9442, -5.4823,
3.3563)**

Conversions

Conversions Part 1

Format	Color
Hex	6B746F
RGB	107, 116, 111
RGB Percent	42%, 45%, 44%
CMY	0.5804, 0.5451, 0.5647
CMYK	0.08, 0.00, 0.04, 0.55
HSL	147°, 4%, 44%
HSV	147°, 8%, 45%
XYZ	15.1780, 16.7643, 17.4748
YIQ	112.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

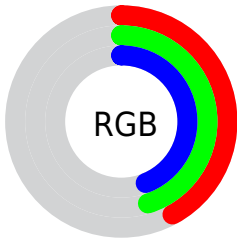
Format	Color
R_{YB}	107, 113, 116
Decimal	7042159
CIE Lab	47.96, -4.43, 1.59
CIE LCh	48, 4.709, 160.242
Yxy	16.7650, 0.3071, 0.3392
Android (android.graphics.Color)	4285232239 (0xFF6B746F)
YUV	112.7390, -0.8573, -5.0331
Hunter-Lab	40.9442, -5.4823, 3.3563

Details

The HunterLab color $40.9442, -5.4823, 3.3563$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39.2412, 1.3130, 1.0408$, and the grayscale version is $40.5413, -2.1632, 2.2027$.

A 20% lighter version of the original color is $61.5782, -7.1343, 4.4565$, and $23.3533, -3.9673, 2.3816$ is the 20% darker color. If you saturate the color by 10%, you get $39.9457, -9.4287, 4.7903$, and if you desaturate by 10%, it is $42.0477, -1.2624, 1.9620$.

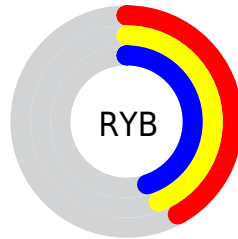
Distribution



Red (42%)

Green (45%)

Blue (44%)



Red (42%)

Yellow (44%)

Blue (45%)

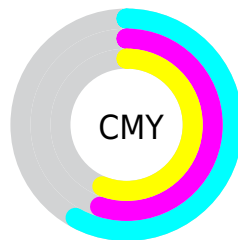


Cyan (8%)

Magenta (0%)

Yellow (4%)

Black (55%)



Cyan (58%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9442, -5.4823, 3.3563 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 40.9442, -5.4823, 3.3563 by changing the saturation by 10% instead.

■ 40.9442, -5.4823,
3.3563

■ 40.9442, -5.4823,
3.3563

152.9099,
-13.3296, 10.0885

■ 31.7287, -4.7132,
2.7605

■ 61.5802, -7.0802,
4.6490

■ 23.3312, -3.9589,
2.1991

■ 72.9030, -7.9096,
5.3420

■ 15.8421, -3.2139,
1.6739

■ 84.8454, -8.7603,
6.0647

■ 9.3888, -2.5582,
1.2138

■ 97.3770, -9.6321,
6.8160

0.0000, NaN, NaN

0.0000, NaN, NaN

110.4711,
-10.5252, 7.5949

0.0000, NaN, NaN

124.1047,

0.0000, NaN, NaN

-11.4393, 8.4004

0.0000, NaN, NaN

138.2571,
-12.3742, 9.2319

■ 40.9442, -5.4823,
3.3563

■ 40.9442, -5.4823,
3.3563

■ 39.9457, -9.4287,
4.7903

■ 42.0477, -1.2624,
1.9620

■ 39.0525, -13.0638,
6.2508

■ 43.2501, 3.1982,
0.6147

■ 38.2670, -16.3556,
7.7252

■ 44.5483, 7.8643,
-0.6783

■ 37.5902, -19.2753,
9.1983

■ 45.9379, 12.7038,
-1.9121

■ 37.0210, -21.8010,
10.6535

■ 47.4143, 17.6875,
-3.0836

■ 36.5572, -23.9198,
12.0737

■ 48.9730, 22.7894,
-4.1914

■ 36.1944, -25.6302,
13.4413

■ 50.6093, 27.9871,
-5.2355

■ 35.9259, -26.9443,
14.7392

■ 52.3188, 33.2611,
-6.2165

■ 35.7283, -27.9491,
15.9393

■ 54.0972, 38.5952,
-7.1363

Harmonies

Analogous

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



40.9451, -4.4610, 4.7300



40.9442, -5.4823, 3.3563



40.9451, -5.6310, 1.6221

Triad

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



40.9451, -5.4832, 3.3569



40.9451, -1.5521, -1.2452



40.9451, 0.5656, 4.3563

Complementary

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



40.9442, -5.4823, 3.3563



39.2412, 1.3130, 1.0408

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.



40.9451, 1.3749, 2.8262



40.9442, -5.4823, 3.3563



40.9451, 0.1380, -0.4410

Square

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



40.9451, -5.4832, 3.3569



40.9451, -3.3832, -1.0876



40.9451, 1.2170, 1.0675



40.9451, -0.9767, 5.2890

Rectangle

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



40.9442, -5.4823, 3.3563



40.9451, -5.2167, 0.4865



40.9451, 1.2170, 1.0675



40.9451, 0.9336, 3.8977

Sweetspot

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



40.9451, -5.4832, 3.3569



55.1029, -4.1163, 3.3876



41.2364, -4.6591, 5.3280



26.9252, -1.9676, 1.6406



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.



40.9451, -5.4832, 3.3569



54.0816, -8.0614, 4.7267



41.0663, -4.8106, 1.6275



20.3045, -2.9885, 1.7609



37.7988, -29.8625, 17.2193



83.3413, -66.5451, 39.4824

Inverse Universe

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



39.2412, 1.3130, 1.0408



51.3997, 2.6373, 1.0817



39.1191, 0.6537, 2.7820



19.3177, 0.9479, 0.4197



21.4111, 38.6171, -1.2802



47.0803, 84.5769, -0.2018

Previews

White Background



This preview shows how the HunterLab color 40.9442, -5.4823, 3.3563 looks on a white background.

Color Contrast Check

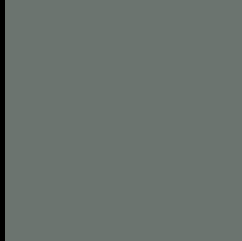
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.9442, -5.4823, 3.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

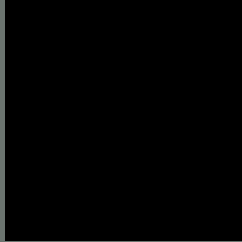
Any Text WCAG AA × Fail

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 40.9442, -5.4823, 3.3563 Background



This preview shows how black text looks on a background with the HunterLab color 40.9442, -5.4823, 3.3563.



This preview shows how white text looks on a background with the HunterLab color 40.9442, -5.4823,

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

40.9442, -5.4823, 3.3563

Protanopia

40.8611, -1.6047, 4.1571

Deuteranopia

40.8432, 2.6371, 2.9609



Tritanopia

40.8851, -2.1349, -2.0186

Trichromacy



Original Color

40.9442, -5.4823, 3.3563

Protanomaly

40.8303, -3.0707, 3.6844

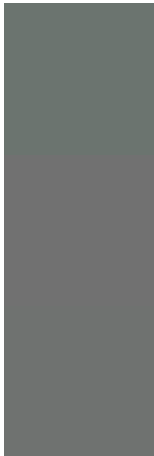
Deuteranomaly

40.7551, -0.4119, 2.8051

Tritanomaly

40.9653, -3.5191, -0.0788

Monochromacy



Original Color

40.9442, -5.4823, 3.3563

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.7234, -3.3370, 2.7171

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9442, -5.4823, 3.3563 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(107, 116, 111)` looks like.

```
.text, #text, p{  
    color:rgb(107, 116, 111)  
}
```

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(107, 116, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 116, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9442, -5.4823, 3.3563 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(107, 116, 111) }
```


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

```
.border{ border-color:rgb(107, 116, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 116, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 116, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 116, 111);  
box-shadow:4px 4px 4px 4px rgb(107, 116,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9442, -5.4823, 3.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 116, 111) }
```

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

```
.background{ background-color: rgb(107,  
116, 111) }
```

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