

Converting Colors

HunterLab(40.3522, -5.1530,
10.7059)

Have a look what the booklet for
HunterLab(40.3522, -5.1530,
10.7059) contains.

HunterLab(40.4354, -5.4184, 10.6380)	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(40.4354, -5.4184,
10.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	72725A
RGB	114, 114, 90
RGB Percent	45%, 45%, 35%
CMY	0.5529, 0.5529, 0.6471
CMYK	0.00, 0.00, 0.21, 0.55
HSL	60°, 12%, 40%
HSV	60°, 21%, 45%
XYZ	14.8022, 16.3502, 12.0486
YIQ	111.2640, 7.7040, -7.4640

Conversions

Conversions Part 2

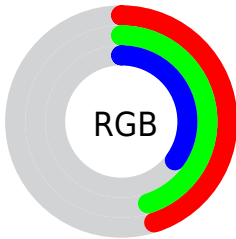
Format	Color
R _Y B	90, 114, 90
Decimal	7500378
CIE Lab	47.43, -4.40, 13.35
CIE LCh	47, 14.052, 108.251
Yxy	16.3509, 0.3426, 0.3785
Android (android.graphics.Color)	4285690458 (0xFF72725A)
YUV	111.2640, -10.4832, 2.3995
Hunter-Lab	40.4354, -5.4184, 10.6380

Details

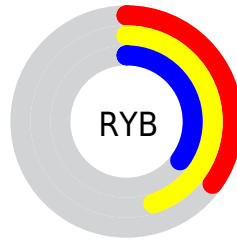
The HunterLab color $40.4354, -5.4184, 10.6380$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $32.7129, 2.2863, -8.6573$, and the grayscale version is $40.0085, -2.1348, 2.1737$.

A 20% lighter version of the original color is $61.0515, -7.1524, 13.3994$, and $22.8835, -3.7773, 7.8606$ is the 20% darker color. If you saturate the color by 10%, you get $40.2136, -6.6606, 13.8687$, and if you desaturate by 10%, it is $40.6944, -3.9899, 6.9172$.

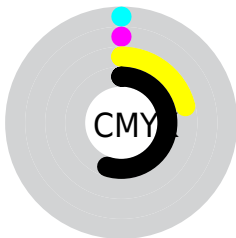
Distribution



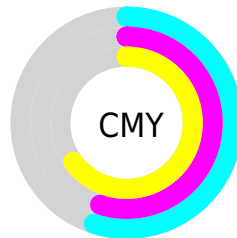
- Red (45%)
- Green (45%)
- Blue (35%)



- Red (35%)
- Yellow (45%)
- Blue (35%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (55%)



- Cyan (55%)
- Magenta (55%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4354, -5.4184, 10.6380 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 40.4354, -5.4184, 10.6380 by changing the saturation by 10% instead.

■ 40.4354, -5.4184,
10.6380

■ 40.4354, -5.4184,
10.6380

152.1196,
-13.2430, 22.4054

■ 31.2615, -4.6525,
9.2630

■ 60.9970, -7.0110,
13.2945

■ 22.9098, -3.9009,
7.8289

■ 72.2859, -7.8377,
14.5982

■ 15.4721, -3.1587,
6.2975

■ 84.1963, -8.6857,
15.8953

■ 9.0704, -2.5987,
6.3493

■ 96.6972, -9.5550,
17.1903

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.7621,
-10.4456, 18.4865

0.0000, NaN, NaN

123.3676,

0.0000, NaN, NaN

-11.3573, 19.7866

0.0000, NaN, NaN

137.4929,
-12.2899, 21.0924

■ 40.4354, -5.4184,
10.6380

■ 40.4354, -5.4184,
10.6380

■ 40.2136, -6.6606,
13.8687

■ 40.6944, -3.9899,
6.9172

■ 40.0253, -7.7161,
16.6154

■ 40.9887, -2.3705,
2.7018

■ 39.8698, -8.5907,
18.8915

■ 41.3199, -0.5619,
-2.0067

■ 39.7458, -9.2915,
20.7148

■ 41.6886, 1.4340,
-7.2032

■ 39.6511, -9.8276,
22.1093

■ 42.0950, 3.6139,
-12.8790

■ 39.5836, -10.2108,
23.1056

■ 42.5392, 5.9732,
-19.0224

■ 39.5404, -10.4559,
23.7424

■ 43.0212, 8.5063,
-25.6189

■ 39.5121, -10.6172,
24.1613

■ 43.5408, 11.2068,
-32.6521

■ 44.0978, 14.0675,
-40.1032

Harmonies

Analogous

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



40.4363, 0.0167, 10.8653



40.4354, -5.4184, 10.6380



40.4363, -9.7528, 8.3443

Triad

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



40.4363, -5.4195, 10.6385



40.4363, -8.9648, -6.0488



40.4363, 8.7263, 0.0981

Complementary

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



40.4354, -5.4184, 10.6380



32.7129, 2.2863, -8.6573

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.



40.4363, 6.0385, -5.0887



40.4354, -5.4184, 10.6380



40.4363, -4.2911, -8.9417

Square

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



40.4363, -5.4195, 10.6385



40.4363, -11.7230, -1.0789



40.4363, 1.2067, -8.5686



40.4363, 8.3842, 5.2273

Rectangle

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



40.4354, -5.4184, 10.6380



40.4363, -11.5230, 5.7548



40.4363, 1.2067, -8.5686



40.4363, 8.1415, -1.7077

Sweetspot

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



40.4363, -5.4195, 10.6385



54.1293, -4.2687, 6.5137



34.1003, 5.4506, 4.2893



26.0223, -2.0995, 3.2538



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



40.4363, -5.4195, 10.6385



53.4609, -7.9701, 16.1481



39.4948, -8.8117, 9.6609



19.7894, -1.7823, 2.9551



41.6872, -11.2017, 25.4914



93.0421, -25.0017, 56.8944

Inverse Universe

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



32.7129, 2.2863, -8.6573



41.0638, 4.4709, -15.0108



33.6933, 5.5289, -7.1568



18.1672, -0.1781, -1.0607



11.6298, 31.5450, -82.6284



25.9562, 70.4053, -184.4238

Previews

White Background



This preview shows how the HunterLab color 40.4354, -5.4184, 10.6380 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 40.4354, -5.4184, 10.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

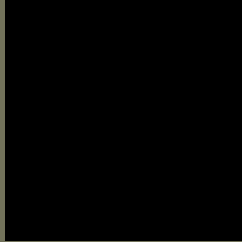
Any Text WCAG AA × Fail

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 40.4354, -5.4184, 10.6380 Background



This preview shows how black text looks on a background with the HunterLab color 40.4354, -5.4184, 10.6380.



This preview shows how white text looks on a background with the HunterLab color 40.4354, -5.4184,

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

40.4354, -5.4184, 10.6380

Protanopia

40.3766, -2.8291, 10.9520

Deuteranopia

40.3804, 2.7625, 10.3981



Tritanopia

40.4170, 1.5983, -0.6697

Trichromacy



Original Color

40.4354, -5.4184, 10.6380

Protanomaly

40.4760, -3.8911, 11.0287

Deuteranomaly

40.3326, -0.1173, 10.3010

Tritanomaly

40.2908, -0.8323, 3.9350

Monochromacy



Original Color

40.4354, -5.4184, 10.6380

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

40.0154, -3.4524, 5.5841

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4354, -5.4184, 10.6380 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(114, 114, 90)` looks like.

```
.text, #text, p{  
    color:rgb(114, 114, 90)  
}
```

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(114, 114, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 114, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4354, -5.4184, 10.6380 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(114, 114, 90) }
```


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

```
.border{ border-color:rgb(114, 114, 90) }
```

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

Here you see how a box with a 4 pixel rgb(114, 114, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 114, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 114, 90);  
box-shadow:4px 4px 4px 4px rgb(114, 114,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4354, -5.4184, 10.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 114, 90) }
```

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

```
.background{ background-color: rgb(114,  
114, 90) }
```

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