

Converting Colors

HunterLab(40.8120, 0.3700,
3.3063)

Have a look what the booklet for
HunterLab(40.8120, 0.3700, 3.3063)
contains.

HunterLab(40.9012, 0.0352, 3.4035)	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(40.9012, 0.0352,
3.4035)**

Conversions

Conversions Part 1

Format	Color
Hex	78706F
RGB	120, 112, 111
RGB Percent	47%, 44%, 44%
CMY	0.5294, 0.5608, 0.5647
CMYK	0.00, 0.07, 0.07, 0.53
HSL	7°, 4%, 45%
HSV	7°, 7%, 47%
XYZ	16.4091, 16.7291, 17.4031
YIQ	114.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

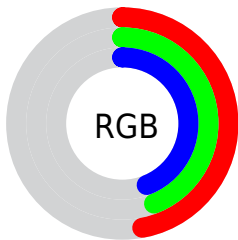
Format	Color
R_{YB}	120, 112, 111
Decimal	7893103
CIE _{Lab}	47.92, 2.91, 1.66
CIE _{LCh}	48, 3.348, 29.792
Yxy	16.7298, 0.3247, 0.3310
Android (android.graphics.Color)	4286083183 (0xFF78706F)
YUV	114.2780, -1.6161, 5.0182
Hunter-Lab	40.9012, 0.0352, 3.4035

Details

The HunterLab color $40.9012, 0.0352, 3.4035$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42.3426, -4.3627, 1.1332$, and the grayscale version is $41.1329, -2.1948, 2.2348$.

A 20% lighter version of the original color is $61.6165, -0.9326, 4.6094$, and $23.2452, 0.8112, 2.3431$ is the 20% darker color. If you saturate the color by 10%, you get $37.7721, 3.2942, 4.8034$, and if you desaturate by 10%, it is $44.1662, -3.0771, 2.0052$.

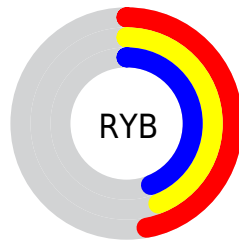
Distribution



Red (47%)

Green (44%)

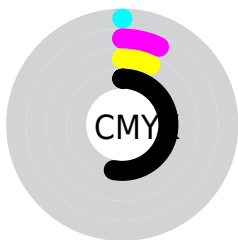
Blue (44%)



Red (47%)

Yellow (44%)

Blue (44%)

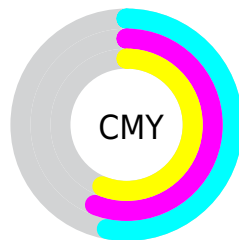


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (53%)



Cyan (53%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.9012, 0.0352, 3.4035 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 40.9012, 0.0352, 3.4035 by changing the saturation by 10% instead.

■ 40.9012, 0.0352,
3.4035

■ 40.9012, 0.0352,
3.4035

■ 152.8432, -4.7416,
10.1635

■ 31.6892, 0.3492,
2.8036

■ 61.5310, -0.7505,
4.7037

■ 23.2956, 0.6037,
2.2376

■ 72.8509, -1.2106,
5.4000

■ 15.8108, 0.7868,
1.7071

■ 84.7906, -1.7111,
6.1259

■ 9.3624, 0.8817,
1.2461

■ 97.3196, -2.2495,
6.8802

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.4113, -2.8236,
7.6619

0.0000, NaN, NaN

■ 124.0425, -3.4313,

0.0000, NaN, NaN

138.1926, -4.0711,
9.3044

■ 40.9012, 0.0352,
3.4035

■ 40.9012, 0.0352,
3.4035

■ 37.7721, 3.2942,
4.8034

■ 44.1662, -3.0771,
2.0052

■ 34.7966, 6.7145,
6.1950

■ 47.5480, -6.0550,
0.6103

■ 32.0002, 10.2971,
7.5651

■ 51.0338, -8.9159,
-0.7792

■ 29.4128, 14.0255,
8.8900

■ 54.6127, -11.6755,
-2.1630

■ 27.0697, 17.8512,
10.1327

■ 58.2752, -14.3480,
-3.5418

■ 25.0103, 21.6775,
11.2403

■ 62.0138, -16.9461,
-4.9166

■ 23.2759, 25.3451,
12.1449

■ 65.8221, -19.4808,
-6.2885

■ 21.9031, 28.6341,
12.7745

■ 69.6944, -21.9616,
-7.6586

■ 20.9072, 31.2699,
13.1861

■ 73.6263, -24.3965,
-9.0280

Harmonies

Analogous

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



40.9021, 0.3761, 2.2177



40.9012, 0.0352, 3.4035



40.9021, -0.9039, 4.2521

Triad

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



40.9021, 0.0341, 3.4042



40.9021, -4.3480, 3.4189



40.9021, -2.1938, -0.2540

Complementary

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



40.9012, 0.0352, 3.4035



42.3426, -4.3627, 1.1332

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.



40.9021, -3.4497, 0.0916



40.9012, 0.0352, 3.4035



40.9021, -4.6838, 2.2352

Square

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



40.9021, 0.0341, 3.4042



40.9021, -3.4340, 4.2603



40.9021, -4.3571, 1.0126



40.9021, -0.9201, 0.0823

Rectangle

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



40.9012, 0.0352, 3.4035



40.9021, -1.7353, 4.5248



40.9021, -4.3571, 1.0126



40.9021, -2.6320, -0.2136

Sweetspot

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



40.9021, 0.0341, 3.4042



56.5834, -2.2271, 3.5028



40.8613, 1.7345, -0.1611



27.5778, -1.1146, 1.6915



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



40.9021, 0.0341, 3.4042



53.5167, 0.7746, 4.8341



42.1001, -1.9922, 4.7272



20.1999, 0.2705, 1.8133



21.6055, 33.2916, 13.8960



46.4923, 74.9994, 29.9613

Inverse Universe

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



42.3426, -4.3627, 1.1332



55.8609, -6.3826, 1.1379



41.1172, -2.3599, -0.3283



21.0710, -2.3892, 0.4398



35.8555, -16.0164, -10.2415



77.8141, -34.3498, -23.1094

Previews

White Background



This preview shows how the HunterLab color 40.9012, 0.0352, 3.4035 looks on a white background.

Color Contrast Check

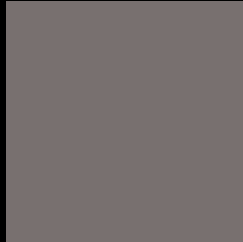
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.9012, 0.0352, 3.4035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

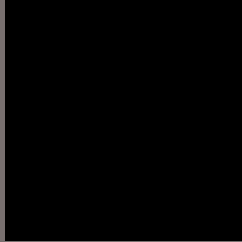
Any Text WCAG AA × Fail

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 40.9012, 0.0352, 3.4035 Background



This preview shows how black text looks on a background with the HunterLab color 40.9012, 0.0352, 3.4035.



This preview shows how white text looks on a background with the HunterLab color 40.9012, 0.0352,

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

40.9012, 0.0352, 3.4035

Protanopia

40.8572, -1.4574, 2.9055

Deuteranopia

40.9087, 2.8027, 3.4605



Tritanopia

40.9460, 2.0157, -0.0057

Trichromacy



Original Color

40.9012, 0.0352, 3.4035

Protanomaly

40.9414, -1.1661, 3.0082

Deuteranomaly

40.9898, 1.7142, 3.5346

Tritanomaly

40.8592, 1.5489, 1.2282

Monochromacy



Original Color

40.9012, 0.0352, 3.4035

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

40.8846, -1.3078, 2.5142

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9012, 0.0352, 3.4035 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(120, 112, 111)` looks like.

```
.text, #text, p{  
    color:rgb(120, 112, 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(120, 112, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 112, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9012, 0.0352, 3.4035 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(120, 112, 111) }
```


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

```
.border{ border-color:rgb(120, 112, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 112, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 112, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 112, 111);  
box-shadow:4px 4px 4px 4px rgb(120, 112,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9012, 0.0352, 3.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 112, 111) }
```

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

```
.background{ background-color: rgb(120,  
112, 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