

Converting Colors

HunterLab(40.2317, 8.3576,
-14.1191)

Have a look what the booklet for
HunterLab(40.2317, 8.3576,
-14.1191) contains.

HunterLab(40.3034, 8.2852, -13.8358)	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(40.3034, 8.2852,
-13.8358)**

Conversions

Conversions Part 1

Format	Color
Hex	776A90
RGB	119, 106, 144
RGB Percent	47%, 42%, 56%
CMY	0.5333, 0.5843, 0.4353
CMYK	0.17, 0.26, 0.00, 0.44
HSL	261°, 15%, 49%
HSV	261°, 26%, 56%
XYZ	17.7958, 16.2436, 28.5830
YIQ	114.2190, -4.4500, 14.5740

Conversions

Conversions Part 2

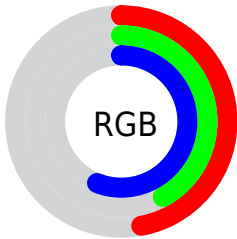
Format	Color
R_{YB}	119, 106, 144
Decimal	7826064
CIE _{Lab}	47.29, 13.23, -18.93
CIE _{LCh}	47, 23.097, 304.941
Yxy	16.2443, 0.2842, 0.2594
Android (android.graphics.Color)	4286016144 (0xFF776A90)
YUV	114.2190, 14.6820, 4.1929
Hunter-Lab	40.3034, 8.2852, -13.8358

Details

The HunterLab color $40.3034, 8.2852, -13.8358$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $50.8063, -11.8446, 15.1859$, and the grayscale version is $41.0522, -2.1904, 2.2304$.

A 20% lighter version of the original color is $60.7962, 8.8850, -14.4845$, and $22.8481, 7.4028, -12.6649$ is the 20% darker color. If you saturate the color by 10%, you get $35.8943, 12.7670, -21.2425$, and if you desaturate by 10%, it is $44.9108, 3.9688, -7.0905$.

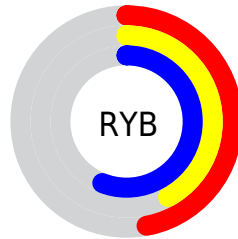
Distribution



Red (47%)

Green (42%)

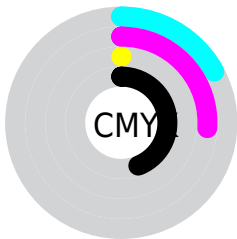
Blue (56%)



Red (47%)

Yellow (42%)

Blue (56%)

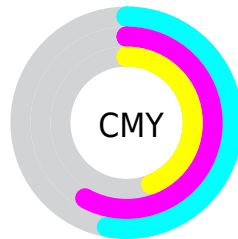


Cyan (17%)

Magenta (26%)

Yellow (0%)

Black (44%)



Cyan (53%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3034, 8.2852, -13.8358 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 40.3034, 8.2852, -13.8358 by changing the saturation by 10% instead.

40.3034, 8.2852,
-13.8358

40.3034, 8.2852,
-13.8358

151.9141, 7.6783,
-14.3534

31.1403, 8.0000,
-13.4688

60.8456, 8.5867,
-14.3625

22.8006, 7.6059,
-13.0411

72.1256, 8.6258,
-14.5277

15.3762, 7.0785,
-12.5815

84.0276, 8.6005,
-14.6319

8.9857, 6.4371,
-12.2431

96.5206, 8.5166,
-14.6785

0.0000, INF, -NF

0.0000, NaN, NaN

109.5778, 8.3788,
-14.6710

0.0000, NaN, NaN

123.1760, 8.1910,

0.0000, NaN, NaN

-14.6125

0.0000, NaN, NaN

137.2942, 7.9566,
-14.5058

■ 40.3034, 8.2852,
-13.8358

■ 40.3034, 8.2852,
-13.8358

■ 35.8943, 12.7670,
-21.2425

■ 44.9108, 3.9688,
-7.0905

■ 31.7209, 17.4374,
-29.4666

■ 49.6846, -0.2087,
-0.8752

■ 27.8382, 22.2886,
-38.6527

■ 54.6031, -4.2762,
4.9207

■ 24.3200, 27.2400,
-48.8636

■ 59.6493, -8.2580,
10.3842

■ 21.2637, 32.0551,
-59.9084

■ 64.8096, -12.1746,
15.5835

■ 18.7864, 36.2366,
-71.0635

■ 70.0730, -16.0422,
20.5723

■ 16.9556, 39.2009,
-81.1312

■ 75.4307, -19.8742,
25.3924

■ 16.3497, 40.3151,
-84.9042

■ 80.8755, -23.6811,
30.0770

■ 86.4011, -27.4714,
34.6525

Harmonies

Analogous

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



40.3042, -0.6458, -17.9808



40.3034, 8.2852, -13.8358



40.3042, 14.8175, -5.4497

Triad

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



40.3042, 8.2845, -13.8349



40.3042, 5.4702, 14.4739



40.3042, -18.0372, 0.7447

Complementary

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



40.3034, 8.2852, -13.8358



50.8063, -11.8446, 15.1859

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.



40.3042, -16.7097, 8.5828



40.3034, 8.2852, -13.8358



40.3042, -3.6378, 15.4268

Square

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



40.3042, 8.2845, -13.8349



40.3042, 13.0950, 10.5555



40.3042, -11.6252, 13.5231



40.3042, -15.4243, -8.4619

Rectangle

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



40.3034, 8.2852, -13.8358



40.3042, 16.6471, 0.7097



40.3042, -11.6252, 13.5231



40.3042, -18.0346, 3.6236

Sweetspot

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



40.3042, 8.2845, -13.8349



64.8430, 0.6968, -2.5844



46.2608, -7.1052, -5.4360



30.6264, 0.7001, -1.7764



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



40.3042, 8.2845, -13.8349



49.8216, 14.7060, -24.4252



42.0681, 13.8517, -11.0231



23.1064, 0.4505, -1.2235



15.2964, 37.6586, -78.9762



1.8345, 4.0554, -5.8986

Inverse Universe

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



42.2809, 13.6224, -3.8201



53.1730, 23.3792, -6.9302



49.4512, -16.8742, 13.8267



23.4096, 1.3441, 0.2062



24.2553, 44.5057, -7.3322



2.4575, 4.6574, -1.8910

Previews

White Background



This preview shows how the HunterLab color 40.3034, 8.2852, -13.8358 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 40.3034, 8.2852, -13.8358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

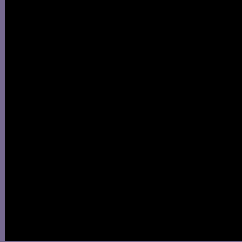
Any Text WCAG AA × Fail

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 40.3034, 8.2852, -13.8358 Background



This preview shows how black text looks on a background with the HunterLab color 40.3034, 8.2852, -13.8358.



This preview shows how white text looks on a background with the HunterLab color 40.3034, 8.2852, -13.8358.

-13.8358.

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

40.3034, 8.2852, -13.8358

Protanopia

40.4126, 2.1982, -16.1636

Deuteranopia

40.3247, 2.9006, -13.3098



Tritanopia

40.4297, 0.2619, -0.6772

Trichromacy



Original Color

40.3034, 8.2852, -13.8358

Protanomaly

40.2890, 4.4558, -15.7183

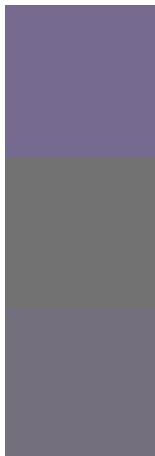
Deuteranomaly

40.3732, 4.4290, -13.2073

Tritanomaly

40.2601, 2.9990, -5.2144

Monochromacy



Original Color

40.3034, 8.2852, -13.8358

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

40.6971, 1.5385, -3.1617

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3034, 8.2852, -13.8358 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(119, 106, 144)` looks like.

```
.text, #text, p{  
    color:rgb(119, 106, 144)  
}
```

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(119, 106, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 106, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3034, 8.2852, -13.8358 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(119, 106, 144) }
```


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

```
.border{ border-color:rgb(119, 106, 144) }
```

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

Here you see how a box with a 4 pixel rgb(119, 106, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 106, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 106, 144);  
box-shadow:4px 4px 4px 4px rgb(119, 106,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3034, 8.2852, -13.8358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 106, 144) }
```

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

```
.background{ background-color: rgb(119,  
106, 144) }
```

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