

Converting Colors

HunterLab(40.4888, 1.1625,
1.8936)

Have a look what the booklet for
HunterLab(40.4888, 1.1625, 1.8936)
contains.

HunterLab(40.4193, 1.2606, 2.0116)	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(40.4193, 1.2606,
2.0116)**

Conversions

Conversions Part 1

Format	Color
Hex	786E71
RGB	120, 110, 113
RGB Percent	47%, 43%, 44%
CMY	0.5294, 0.5686, 0.5569
CMYK	0.00, 0.08, 0.06, 0.53
HSL	342°, 4%, 45%
HSV	342°, 8%, 47%
XYZ	16.3023, 16.3372, 17.9170
YIQ	113.3320, 4.9970, 3.0530

Conversions

Conversions Part 2

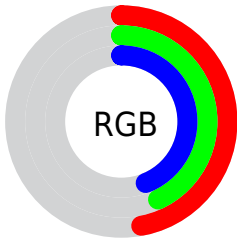
Format	Color
R _Y B	120, 110, 113
Decimal	7892593
CIE Lab	47.41, 4.47, -0.26
CIE LCh	47, 4.476, 356.647
Yxy	16.3379, 0.3225, 0.3232
Android (android.graphics.Color)	4286082673 (0xFF786E71)
YUV	113.3320, -0.1637, 5.8478
Hunter-Lab	40.4193, 1.2606, 2.0116

Details

The HunterLab color $40.4193, 1.2606, 2.0116$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42.4650, -5.5517, 2.5706$, and the grayscale version is $40.7640, -2.1751, 2.2148$.

A 20% lighter version of the original color is $61.0966, 0.3772, 3.1093$, and $22.8136, 1.9301, 1.0944$ is the 20% darker color. If you saturate the color by 10%, you get $37.0685, 5.6423, 1.7364$, and if you desaturate by 10%, it is $43.9356, -3.0192, 2.4340$.

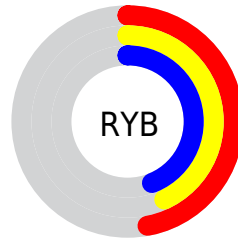
Distribution



Red (47%)

Green (43%)

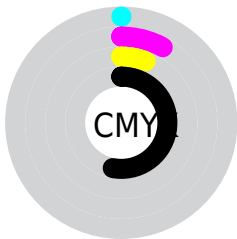
Blue (44%)



Red (47%)

Yellow (43%)

Blue (44%)

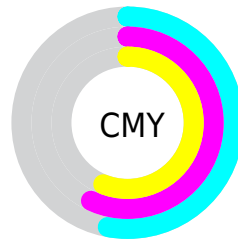


Cyan (0%)

Magenta (8%)

Yellow (6%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4193, 1.2606, 2.0116 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 40.4193, 1.2606, 2.0116 by changing the saturation by 10% instead.

■ 40.4193, 1.2606,
2.0116

■ 40.4193, 1.2606,
2.0116

■ 152.0945, -2.8571,
7.9871

■ 31.2467, 1.4780,
1.5283

■ 60.9786, 0.6484,
3.1038

■ 22.8965, 1.6268,
1.0907

■ 72.2663, 0.2675,
3.7058

■ 15.4604, 1.6920,
0.7049

■ 84.1757, -0.1579,
4.3422

■ 9.0601, 1.6828,
0.3734

■ 96.6757, -0.6247,
5.0113

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.7396, -1.1301,
5.7116

0.0000, NaN, NaN

■ 123.3442, -1.6718,

0.0000, NaN, NaN

137.4687, -2.2481,
7.2006

■ 40.4193, 1.2606,
2.0116

■ 40.4193, 1.2606,
2.0116

■ 37.0685, 5.6423,
1.7364

■ 43.9356, -3.0192,
2.4340

■ 33.9077, 10.1199,
1.6374

■ 47.5927, -7.1974,
2.9763

■ 30.9714, 14.6598,
1.7518

■ 51.3740, -11.2843,
3.6186

■ 28.3000, 19.1894,
2.1192

■ 55.2651, -15.2915,
4.3448

■ 25.9410, 23.5755,
2.7760

■ 59.2543, -19.2310,
5.1420

■ 23.9454, 27.6069,
3.7428

■ 63.3321, -23.1137,
6.0000

■ 22.3610, 31.0004,
5.0063

■ 67.4905, -26.9496,
6.9104

■ 21.2199, 33.4566,
6.5010

■ 71.7228, -30.7477,
7.8666

■ 20.4269, 35.1006,
8.0291

■ 76.0233, -34.5153,
8.8631

Harmonies

Analogous

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



40.4202, 0.6938, 0.3983



40.4193, 1.2606, 2.0116



40.4202, 0.8965, 3.6112

Triad

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



40.4202, 1.2595, 2.0123



40.4202, -3.6587, 4.9610



40.4202, -3.9945, -0.5693

Complementary

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



40.4193, 1.2606, 2.0116



42.4650, -5.5517, 2.5706

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.



40.4202, -5.1261, 0.7363



40.4193, 1.2606, 2.0116



40.4202, -4.9346, 3.9228

Square

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



40.4202, 1.2595, 2.0123



40.4202, -1.9616, 5.2705



40.4202, -5.4673, 2.3872



40.4202, -2.3558, -1.1316

Rectangle

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



40.4193, 1.2606, 2.0116



40.4202, 0.1799, 4.4618



40.4202, -5.4673, 2.3872



40.4202, -4.4457, -0.2002

Sweetspot

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



40.4202, 1.2595, 2.0123



56.5107, -1.9106, 2.9998



40.3616, 1.4665, -1.2066



27.5450, -0.9719, 1.4647



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.



40.4202, 1.2595, 2.0123



52.7367, 2.7721, 2.5825



40.8753, -0.1107, 3.7863



20.0823, 0.7935, 0.9931



21.1961, 36.9429, 8.7038



46.1488, 80.1528, 21.1264

Inverse Universe

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



40.4202, 1.2595, 2.0123



52.7367, 2.7721, 2.5825



41.9862, -4.1800, 0.7056



20.0823, 0.7935, 0.9931



21.1961, 36.9429, 8.7038



46.1488, 80.1528, 21.1264

Previews

White Background



This preview shows how the HunterLab color 40.4193, 1.2606, 2.0116 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 40.4193, 1.2606, 2.0116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

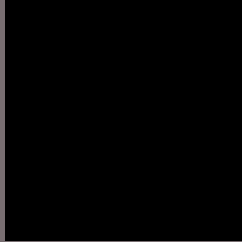
Any Text WCAG AA × Fail

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 40.4193, 1.2606, 2.0116 Background



This preview shows how black text looks on a background with the HunterLab color 40.4193, 1.2606, 2.0116.



This preview shows how white text looks on a background with the HunterLab color 40.4193, 1.2606,

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

40.4193, 1.2606, 2.0116

Protanopia

40.4730, -1.2728, 1.5960

Deuteranopia

40.4234, 2.6387, 2.0405



Tritanopia

40.3859, 2.7995, -0.2277

Trichromacy



Original Color

40.4193, 1.2606, 2.0116

Protanomaly

40.3693, -0.2347, 1.4903

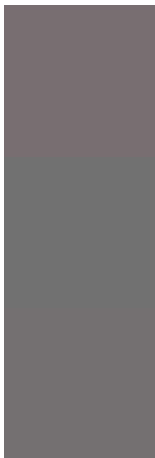
Deuteranomaly

40.3325, 2.3331, 1.9276

Tritanomaly

40.3276, 2.4871, 0.6010

Monochromacy



Original Color

40.4193, 1.2606, 2.0116

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.6123, -0.8480, 2.2025

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4193, 1.2606, 2.0116 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, 110, 113)` looks like.

```
.text, #text, p{  
    color:rgb(120, 110, 113)  
}
```

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, 110, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 110, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4193, 1.2606, 2.0116 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, 110, 113) }
```


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

```
.border{ border-color:rgb(120, 110, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 110, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 110, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 110, 113);  
box-shadow:4px 4px 4px 4px rgb(120, 110,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4193, 1.2606, 2.0116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 110, 113) }
```

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

```
.background{ background-color: rgb(120,  
110, 113) }
```

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