

Converting Colors

HunterLab(40.2878, -0.1409,
5.5711)

Have a look what the booklet for
HunterLab(40.2878, -0.1409, 5.5711)
contains.

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Color

**HunterLab(40.1801, -0.0333,
5.4326)**

Conversions

Conversions Part 1

Format	Color
Hex	786E68
RGB	120, 110, 104
RGB Percent	47%, 43%, 41%
CMY	0.5294, 0.5686, 0.5922
CMYK	0.00, 0.08, 0.13, 0.53
HSL	23°, 7%, 44%
HSV	23°, 13%, 47%
XYZ	15.8204, 16.1444, 15.3791
YIQ	112.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

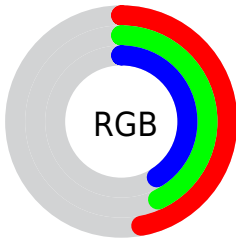
Format	Color
R_{YB}	120, 114, 104
Decimal	7892584
CIE _{Lab}	47.16, 2.78, 4.75
CIE _{LCh}	47, 5.502, 59.619
Yxy	16.1451, 0.3342, 0.3410
Android (android.graphics.Color)	4286082664 (0xFF786E68)
YUV	112.3060, -4.0949, 6.7476
Hunter-Lab	40.1801, -0.0333, 5.4326

Details

The HunterLab color $40.1801, -0.0333, 5.4326$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40.4147, -3.9611, -1.2345$, and the grayscale version is $40.3840, -2.1548, 2.1941$.

A 20% lighter version of the original color is $60.8094, -1.1825, 7.2143$, and $22.7816, 0.2061, 3.9674$ is the 20% darker color. If you saturate the color by 10%, you get $37.9053, 1.8477, 7.5516$, and if you desaturate by 10%, it is $42.5368, -1.7664, 3.1491$.

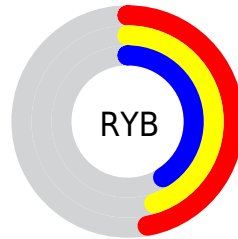
Distribution



Red (47%)

Green (43%)

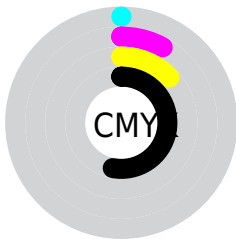
Blue (41%)



Red (47%)

Yellow (45%)

Blue (41%)

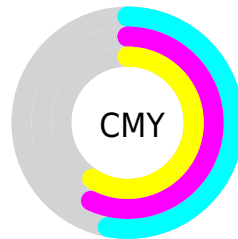


Cyan (0%)

Magenta (8%)

Yellow (13%)

Black (53%)



Cyan (53%)

Magenta (57%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.1801, -0.0333, 5.4326 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 40.1801, -0.0333, 5.4326 by changing the saturation by 10% instead.

■ 40.1801, -0.0333,
5.4326

■ 40.1801, -0.0333,
5.4326

■ 151.7223, -4.8350,
13.4459

■ 31.0272, 0.2838,
4.6422

■ 60.7042, -0.8252,
7.0687

■ 22.6987, 0.5415,
3.8643

■ 71.9759, -1.2881,
7.9165

■ 15.2869, 0.7278,
3.0914

■ 83.8701, -1.7915,
8.7853

■ 8.9058, 0.8858,
2.6940

■ 96.3557, -2.3327,
9.6752

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.4058, -2.9094,
10.5864

0.0000, NaN, NaN

■ 122.9971, -3.5197,

0.0000, NaN, NaN

11.5187

0.0000, NaN, NaN

137.1087, -4.1621,
12.4719

■ 40.1801, -0.0333,
5.4326

■ 40.1801, -0.0333,
5.4326

■ 37.9053, 1.8477,
7.5516

■ 42.5368, -1.7664,
3.1491

■ 35.7182, 3.8923,
9.4793

■ 44.9653, -3.3609,
0.7201

■ 33.6295, 6.1094,
11.1873

■ 47.4600, -4.8307,
-1.8359

■ 31.6503, 8.5049,
12.6428

■ 50.0152, -6.1878,
-4.5041

■ 29.7928, 11.0777,
13.8099

■ 52.6261, -7.4434,
-7.2723

■ 28.0704, 13.8154,
14.6523

■ 55.2884, -8.6077,
-10.1300

■ 26.4972, 16.6892,
15.1387

■ 57.9984, -9.6899,
-13.0686

■ 25.0864, 19.6463,
15.2590

■ 60.7527, -10.6981,
-16.0806

■ 24.2305, 21.5755,
15.3085

■ 63.5484, -11.6396,
-19.1598

Harmonies

Analogous

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



40.1810, 1.5103, 4.0822



40.1801, -0.0333, 5.4326



40.1810, -2.1187, 5.9234

Triad

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



40.1810, -0.0344, 5.4332



40.1810, -6.1961, 2.2133



40.1810, -0.0830, -1.3830

Complementary

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



40.1801, -0.0333, 5.4326



40.4147, -3.9611, -1.2345

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.



40.1810, -2.1736, -1.9463



40.1801, -0.0333, 5.4326



40.1810, -5.6763, 0.1951

Square

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



40.1810, -0.0344, 5.4332



40.1810, -5.6498, 4.1252



40.1810, -4.2150, -1.3546



40.1810, 1.4819, 0.1475

Rectangle

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



40.1801, -0.0333, 5.4326



40.1810, -3.5245, 5.7171



40.1810, -4.2150, -1.3546



40.1810, -0.7489, -1.6952

Sweetspot

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



40.1810, -0.0344, 5.4332



56.1698, -2.1735, 4.4152



38.8740, 4.2498, -0.3129



27.2451, -0.9883, 2.2470



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

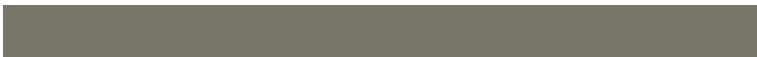
The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.1810, -0.0344, 5.4332



52.3530, 0.6960, 8.0897



42.3299, -3.6245, 7.6756



20.5879, -0.3938, 2.2413



25.2570, 22.6687, 15.9601



53.7688, 53.2149, 34.0637

Inverse Universe

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



40.4147, -3.9611, -1.2345



52.7324, -5.6852, -2.7456



38.2556, -0.3774, -3.9734



20.6680, -1.7378, -0.0410



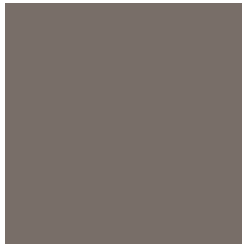
26.3419, -2.5387, -27.4448



56.0569, -3.1271, -63.3158

Previews

White Background



This preview shows how the HunterLab color 40.1801, -0.0333, 5.4326 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 40.1801, -0.0333, 5.4326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

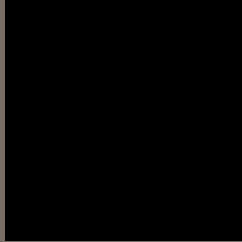
Any Text WCAG AA × Fail

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 40.1801, -0.0333, 5.4326 Background



This preview shows how black text looks on a background with the HunterLab color 40.1801, -0.0333, 5.4326.



This preview shows how white text looks on a background with the HunterLab color 40.1801, -0.0333,

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

40.1801, -0.0333, 5.4326

Protanopia

40.1271, -1.5542, 4.9519

Deuteranopia

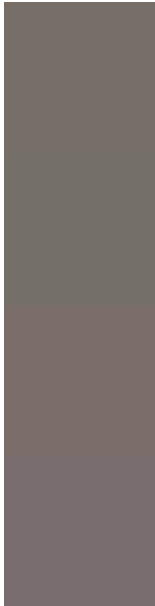
40.1056, 2.4457, 5.3942



Tritanopia

40.1834, 3.4162, -0.0112

Trichromacy



Original Color

40.1801, -0.0333, 5.4326

Protanomaly

40.2128, -1.2574, 5.0521

Deuteranomaly

40.1842, 1.3531, 5.4614

Tritanomaly

40.2145, 1.8796, 2.2124

Monochromacy



Original Color

40.1801, -0.0333, 5.4326

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

40.1470, -1.2752, 3.3494

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.1801, -0.0333, 5.4326 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, 104)` looks like.

```
.text, #text, p{  
    color:rgb(120, 110, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 110, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 40.1801, -0.0333, 5.4326 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, 104) }
```


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

```
.border{ border-color:rgb(120, 110, 104) }
```

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, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 110, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 110, 104);  
box-shadow:4px 4px 4px 4px rgb(120, 110,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.1801, -0.0333, 5.4326 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, 104) }
```

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

```
.background{ background-color: rgb(120,  
110, 104) }
```

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](#).

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