

Converting Colors

HunterLab(40.4139, 0.1628,
4.8194)

Have a look what the booklet for
HunterLab(40.4139, 0.1628, 4.8194)
contains.

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Color

**HunterLab(40.5001, -0.2171,
4.9902)**

Conversions

Conversions Part 1

Format	Color
Hex	786F6A
RGB	120, 111, 106
RGB Percent	47%, 44%, 42%
CMY	0.5294, 0.5647, 0.5843
CMYK	0.00, 0.07, 0.12, 0.53
HSL	21°, 6%, 44%
HSV	21°, 12%, 47%
XYZ	16.0317, 16.4026, 15.9568
YIQ	113.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

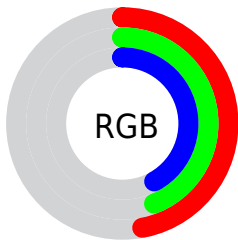
Format	Color
R_{YB}	120, 114, 106
Decimal	7892842
CIE _{Lab}	47.50, 2.56, 4.04
CIE _{LCh}	47, 4.779, 57.628
Yxy	16.4033, 0.3313, 0.3390
Android (android.graphics.Color)	4286082922 (0xFF786F6A)
YUV	113.1210, -3.5107, 6.0329
Hunter-Lab	40.5001, -0.2171, 4.9902

Details

The HunterLab color $40.5001, -0.2171, 4.9902$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $40.8429, -3.8879, -0.6961$, and the grayscale version is $40.6949, -2.1714, 2.2110$.

A 20% lighter version of the original color is $61.1550, -1.3712, 6.7339$, and $22.8262, 0.4477, 3.3259$ is the 20% darker color. If you saturate the color by 10%, you get $38.1572, 1.7365, 7.0877$, and if you desaturate by 10%, it is $42.9269, -2.0249, 2.7425$.

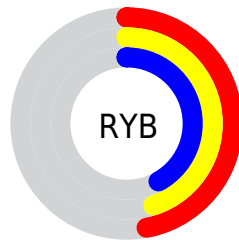
Distribution



Red (47%)

Green (44%)

Blue (42%)



Red (47%)

Yellow (45%)

Blue (42%)

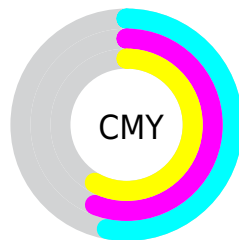


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (53%)



Cyan (53%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.5001, -0.2171, 4.9902 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 40.5001, -0.2171, 4.9902 by changing the saturation by 10% instead.

■ 40.5001, -0.2171,
4.9902

■ 40.5001, -0.2171,
4.9902

152.2202, -5.1227,
12.7132

■ 31.3209, 0.1155,
4.2445

■ 61.0712, -1.0365,
6.5480

■ 22.9634, 0.3902,
3.5167

■ 72.3644, -1.5120,
7.3606

■ 15.5191, 0.5956,
2.8016

■ 84.2789, -2.0272,
8.1962

■ 9.1116, 0.7375,
2.3320

■ 96.7837, -2.5797,
9.0548

0.0000, NaN, NaN

0.0000, NaN, NaN

109.8524, -3.1671,
9.9361

0.0000, NaN, NaN

123.4614, -3.7878,

0.0000, NaN, NaN

10.8398

0.0000, NaN, NaN

137.5902, -4.4402,
11.7657

■ 40.5001, -0.2171,
4.9902

■ 40.5001, -0.2171,
4.9902

■ 38.1572, 1.7365,
7.0877

■ 42.9269, -2.0249,
2.7425

■ 35.9045, 3.8518,
9.0094

■ 45.4271, -3.6966,
0.3627

■ 33.7532, 6.1379,
10.7276

■ 47.9949, -5.2461,
-2.1320

■ 31.7151, 8.6012,
12.2097

■ 50.6245, -6.6858,
-4.7280

■ 29.8033, 11.2403,
13.4192

■ 53.3108, -8.0267,
-7.4140

■ 28.0324, 14.0421,
14.3183

■ 56.0494, -9.2790,
-10.1805

■ 26.4177, 16.9763,
14.8720

■ 58.8365, -10.4519,
-13.0197

■ 24.9744, 19.9894,
15.0573

■ 61.6688, -11.5536,
-15.9249

■ 23.8997, 22.4456,
15.1198

■ 64.5432, -12.5912,
-18.8906

Harmonies

Analogous

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



40.5010, 1.0749, 3.7603



40.5001, -0.2171, 4.9902



40.5010, -2.0142, 5.4782

Triad

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



40.5010, -0.2182, 4.9908



40.5010, -5.6967, 2.3460



40.5010, -0.4807, -0.9474

Complementary

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



40.5001, -0.2171, 4.9902



40.8429, -3.8879, -0.6961

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.



40.5010, -2.3120, -1.3674



40.5001, -0.2171, 4.9902



40.5010, -5.3027, 0.5846

Square

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



40.5010, -0.2182, 4.9908



40.5010, -5.1582, 3.9951



40.5010, -4.0721, -0.7949



40.5010, 0.9215, 0.3284

Rectangle

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



40.5001, -0.2171, 4.9902



40.5010, -3.2474, 5.3335



40.5010, -4.0721, -0.7949



40.5010, -1.0675, -1.1958

Sweetspot

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



40.5010, -0.2182, 4.9908



56.4707, -2.3594, 4.0679



39.4227, 3.4569, -0.0867



27.3768, -1.0667, 2.0870



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

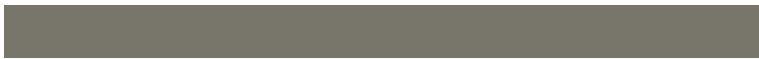
The Same Dimension uses a secret algorithm to generate beautiful new colors.



40.5010, -0.2182, 4.9908



52.8693, 0.3846, 7.3841



42.3877, -3.3723, 6.9867



20.5615, -0.3490, 2.2124



24.9120, 23.5786, 15.7634



53.0340, 55.2211, 33.6461

Inverse Universe

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



40.8429, -3.8879, -0.6961



53.4249, -5.5822, -1.8617



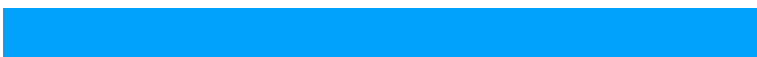
38.9445, -0.7424, -3.0682



20.6951, -1.7820, -0.0084



26.9469, -3.5077, -26.1093



57.4324, -5.3829, -60.1653

Previews

White Background



This preview shows how the HunterLab color 40.5001, -0.2171, 4.9902 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 40.5001, -0.2171, 4.9902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

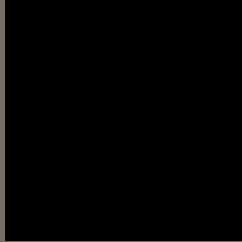
Any Text WCAG AA × Fail

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 40.5001, -0.2171, 4.9902 Background



This preview shows how black text looks on a background with the HunterLab color 40.5001, -0.2171, 4.9902.



This preview shows how white text looks on a background with the HunterLab color 40.5001, -0.2171,

4.9902.

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

40.5001, -0.2171, 4.9902

Protanopia

40.4511, -1.7279, 4.5074

Deuteranopia

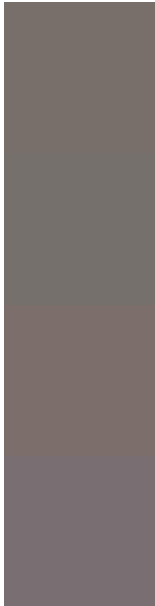
40.5136, 2.5672, 5.0540



Tritanopia

40.4757, 3.1006, -0.1112

Trichromacy



Original Color

40.5001, -0.2171, 4.9902

Protanomaly

40.5361, -1.4332, 4.6078

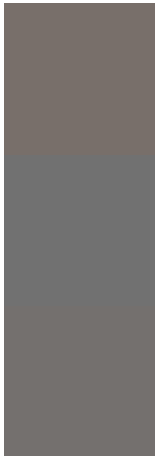
Deuteranomaly

40.5926, 1.4738, 5.1223

Tritanomaly

40.5361, 1.7122, 1.7233

Monochromacy



Original Color

40.5001, -0.2171, 4.9902

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.5304, -1.2945, 3.3722

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.5001, -0.2171, 4.9902 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, 111, 106)` looks like.

```
.text, #text, p{  
    color:rgb(120, 111, 106)  
}
```

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, 111, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 111, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 40.5001, -0.2171, 4.9902 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, 111, 106) }
```


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

```
.border{ border-color:rgb(120, 111, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 111, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 111, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 111, 106);  
box-shadow:4px 4px 4px 4px rgb(120, 111,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.5001, -0.2171, 4.9902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 111, 106) }
```

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

```
.background{ background-color: rgb(120,  
111, 106) }
```

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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