

Converting Colors

HunterLab(40.8512, -2.0903,
5.5151)

Have a look what the booklet for
HunterLab(40.8512, -2.0903, 5.5151)
contains.

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Color

**HunterLab(40.7833, -2.0303,
5.2716)**

Conversions

Conversions Part 1

Format	Color
Hex	75716A
RGB	117, 113, 106
RGB Percent	46%, 44%, 42%
CMY	0.5412, 0.5569, 0.5843
CMYK	0.00, 0.03, 0.09, 0.54
HSL	38°, 5%, 44%
HSV	38°, 9%, 46%
XYZ	15.8428, 16.6328, 16.0111
YIQ	113.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

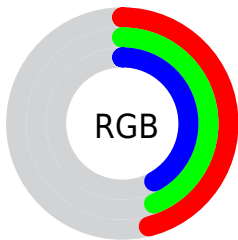
Format	Color
R_{YB}	112, 117, 106
Decimal	7696746
CIE _{Lab}	47.79, 0.19, 4.43
CIE _{LCh}	48, 4.430, 87.483
Yxy	16.6335, 0.3267, 0.3430
Android (android.graphics.Color)	4285886826 (0xFF75716A)
YUV	113.3980, -3.6472, 3.1590
Hunter-Lab	40.7833, -2.0303, 5.2716

Details

The HunterLab color $40.7833, -2.0303, 5.2716$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $39.3702, -2.1107, -1.1222$, and the grayscale version is $40.8024, -2.1771, 2.2169$.

A 20% lighter version of the original color is $61.4651, -3.2982, 7.0473$, and $23.1551, -0.9442, 3.6567$ is the 20% darker color. If you saturate the color by 10%, you get $39.3443, -1.6514, 8.1498$, and if you desaturate by 10%, it is $42.2670, -2.2600, 2.0931$.

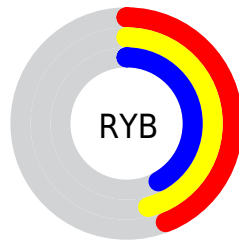
Distribution



Red (46%)

Green (44%)

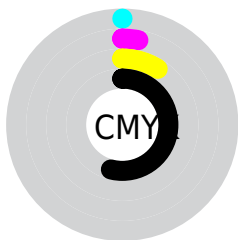
Blue (42%)



Red (44%)

Yellow (46%)

Blue (42%)

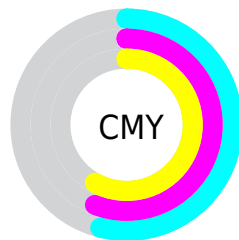


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (54%)



Cyan (54%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.7833, -2.0303, 5.2716 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 40.7833, -2.0303, 5.2716 by changing the saturation by 10% instead.

■ 40.7833, -2.0303,
5.2716

■ 40.7833, -2.0303,
5.2716

■ 152.6602, -7.9257,
13.1628

■ 31.5809, -1.5518,
4.5007

■ 61.3959, -3.1108,
6.8742

■ 23.1979, -1.1172,
3.7448

■ 72.7079, -3.7053,
7.7071

■ 15.7250, -0.7329,
2.9980

■ 84.6403, -4.3333,
8.5619

■ 9.2895, -0.4049,
2.4806

■ 97.1622, -4.9933,
9.4388

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 110.2471, -5.6838,
10.3375

0.0000, NaN, NaN

■ 123.8718, -6.4034,

0.0000, NaN, NaN

11.2579

0.0000, NaN, NaN

138.0156, -7.1510,
12.1997

■ 40.7833, -2.0303,
5.2716

■ 40.7833, -2.0303,
5.2716

■ 39.3443, -1.6514,
8.1498

■ 42.2670, -2.2600,
2.0931

■ 37.9496, -1.1123,
10.7052

■ 43.7903, -2.3456,
-1.3674

■ 36.6024, -0.4070,
12.9179

■ 45.3522, -2.2962,
-5.0896

■ 35.3052, 0.4703,
14.7686

■ 46.9505, -2.1201,
-9.0553

■ 34.0603, 1.5238,
16.2404

■ 48.5834, -1.8251,
-13.2472

■ 32.8698, 2.7547,
17.3205

■ 50.2491, -1.4188,
-17.6494

■ 31.7355, 4.1606,
18.0034

■ 51.9458, -0.9084,
-22.2470

■ 30.6586, 5.7339,
18.2943

■ 53.6721, -0.3006,
-27.0265

■ 29.6306, 7.4133,
18.3477

■ 55.4265, 0.3983,
-31.9755

Harmonies

Analogous

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



40.7842, -0.3649, 4.8126



40.7833, -2.0303, 5.2716



40.7842, -3.7103, 4.9428

Triad

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



40.7842, -2.0314, 5.2722



40.7842, -5.1031, 0.7243



40.7842, 0.6803, 0.4725

Complementary

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



40.7833, -2.0303, 5.2716



39.3702, -2.1107, -1.1222

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.



40.7842, -0.6234, -0.7045



40.7833, -2.0303, 5.2716



40.7842, -3.9606, -0.5549

Square

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



40.7842, -2.0314, 5.2722



40.7842, -5.4660, 2.3594



40.7842, -2.3251, -1.0880



40.7842, 1.2170, 2.0801

Rectangle

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



40.7833, -2.0303, 5.2716



40.7842, -4.6143, 4.3120



40.7842, -2.3251, -1.0880



40.7842, 0.3162, 0.0109

Sweetspot

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



40.7842, -2.0314, 5.2722



55.8244, -2.9347, 4.4100



39.0087, 1.7767, 1.6316



26.7000, -1.3974, 2.2603



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



40.7842, -2.0314, 5.2722



54.2088, -2.6384, 7.8119



41.7666, -4.2688, 6.3046



20.1323, -1.0068, 2.5447



30.9901, 7.9819, 19.2357



67.1786, 20.0765, 41.7466

Inverse Universe

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



39.3702, -2.1107, -1.1222



51.9420, -2.7640, -2.4423



38.4025, 0.1232, -2.3181



19.4619, -1.0445, -0.4867



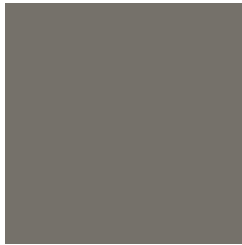
18.0350, 12.5462, -49.6258



37.8776, 32.5141, -117.5323

Previews

White Background



This preview shows how the HunterLab color 40.7833, -2.0303, 5.2716 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 40.7833, -2.0303, 5.2716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

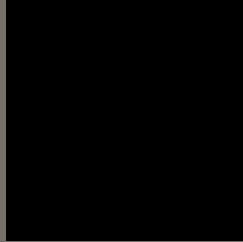
Any Text WCAG AA × Fail

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 40.7833, -2.0303, 5.2716 Background



This preview shows how black text looks on a background with the HunterLab color 40.7833, -2.0303, 5.2716.



This preview shows how white text looks on a background with the HunterLab color 40.7833, -2.0303,

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

40.7833, -2.0303, 5.2716

Protanopia

40.7833, -2.0303, 5.2716

Deuteranopia

40.6335, 3.0214, 4.7946



Tritanopia

40.8006, 1.5832, -0.6529

Trichromacy



Original Color

40.7833, -2.0303, 5.2716

Protanomaly

40.7833, -2.0303, 5.2716

Deuteranomaly

40.5270, 1.3030, 4.6455

Tritanomaly

40.8383, 0.0403, 1.6170

Monochromacy



Original Color

40.7833, -2.0303, 5.2716

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

40.6367, -2.3308, 3.4761

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.7833, -2.0303, 5.2716 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(117, 113, 106)` looks like.

```
.text, #text, p{  
    color:rgb(117, 113, 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(117, 113, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 113, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 40.7833, -2.0303, 5.2716 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(117, 113, 106) }
```


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

```
.border{ border-color:rgb(117, 113, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 113, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 113, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 113, 106);  
box-shadow:4px 4px 4px 4px rgb(117, 113,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.7833, -2.0303, 5.2716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 113, 106) }
```

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

```
.background{ background-color: rgb(117,  
113, 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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