

Converting Colors

HunterLab(45.8287, 0.2778,
5.1367)

Have a look what the booklet for
HunterLab(45.8287, 0.2778, 5.1367)
contains.

HunterLab(45.7409, 0.3023, 5.1578)	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(45.7409, 0.3023,
5.1578)**

Conversions

Conversions Part 1

Format	Color
Hex	877C78
RGB	135, 124, 120
RGB Percent	53%, 49%, 47%
CMY	0.4706, 0.5137, 0.5294
CMYK	0.00, 0.08, 0.11, 0.47
HSL	16°, 6%, 50%
HSV	16°, 11%, 53%
XYZ	20.5895, 20.9223, 20.7225
YIQ	126.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

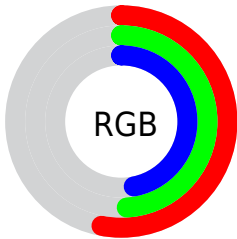
Format	Color
R_{YB}	135, 125, 120
Decimal	8879224
CIE Lab	52.87, 3.46, 3.69
CIE LCh	53, 5.057, 46.859
Yxy	20.9232, 0.3308, 0.3362
Android (android.graphics.Color)	4287069304 (0xFF877C78)
YUV	126.8330, -3.3687, 7.1625
Hunter-Lab	45.7409, 0.3023, 5.1578

Details

The HunterLab color $[45.7409, 0.3023, 5.1578]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[46.8770, -4.9827, -0.1935]$, and the grayscale version is $[46.0146, -2.4552, 2.5001]$.

A 20% lighter version of the original color is $[66.8735, -0.3549, 6.5971]$, and $[27.2605, 0.9591, 3.4802]$ is the 20% darker color. If you saturate the color by 10%, you get $[42.7323, 3.1171, 7.2769]$, and if you desaturate by 10%, it is $[48.8684, -2.3426, 2.9282]$.

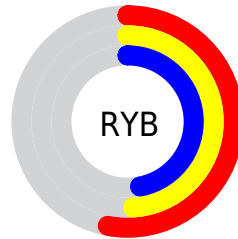
Distribution



Red (53%)

Green (49%)

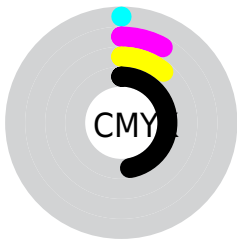
Blue (47%)



Red (53%)

Yellow (49%)

Blue (47%)

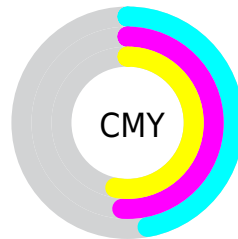


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (47%)



Cyan (47%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.7409, 0.3023, 5.1578 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 45.7409, 0.3023, 5.1578 by changing the saturation by 10% instead.

■ 45.7409, 0.3023,
5.1578

■ 45.7409, 0.3023,
5.1578

160.2717, -4.4197,
12.8499

■ 36.1495, 0.6113,
4.4219

■ 67.0520, -0.4722,
6.7028

■ 27.3410, 0.8623,
3.7075

■ 78.6827, -0.9261,
7.5110

■ 19.3935, 1.0442,
3.0123

■ 90.9175, -1.4204,
8.3431

■ 12.4131, 1.1424,
2.3293

103.7280, -1.9526,
9.1988

■ 5.6322, 2.3748,
3.0225

117.0893, -2.5203,
10.0777

0.0000, NaN, NaN

130.9797, -3.1218,

0.0000, NaN, NaN

10.9795

0.0000, NaN, NaN

145.3796, -3.7554,
11.9036

0.0000, NaN, NaN

■ 45.7409, 0.3023,
5.1578

■ 45.7409, 0.3023,
5.1578

■ 42.7323, 3.1171,
7.2769

■ 48.8684, -2.3426,
2.9282

■ 39.8545, 6.1202,
9.2590

■ 52.0992, -4.8304,
0.6045

■ 37.1261, 9.3202,
11.0738

■ 55.4236, -7.1788,
-1.7981

■ 34.5676, 12.7170,
12.6823

■ 58.8328, -9.4037,
-4.2684

■ 32.2025, 16.2942,
14.0373

■ 62.3190, -11.5194,
-6.7978

■ 30.0570, 20.0094,
15.0849

■ 65.8757, -13.5390,
-9.3796

■ 28.1587, 23.7839,
15.7710

■ 69.4974, -15.4740,
-12.0083

■ 26.5343, 27.4945,
16.0544

■ 73.1792, -17.3345,
-14.6796

■ 25.3261, 30.5534,
16.1407

■ 76.9169, -19.1292,
-17.3902

Harmonies

Analogous

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



45.7419, 1.4153, 3.5707



45.7409, 0.3023, 5.1578



45.7419, -1.5378, 6.0141

Triad

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



45.7419, 0.3010, 5.1585



45.7419, -6.2422, 3.3395



45.7419, -1.2870, -1.2706

Complementary

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



45.7409, 0.3023, 5.1578



46.8770, -4.9827, -0.1935

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.



45.7419, -3.3415, -1.3393



45.7409, 0.3023, 5.1578



45.7419, -6.1778, 1.3819

Square

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



45.7419, 0.3010, 5.1585



45.7419, -5.3017, 4.9957



45.7419, -5.1241, -0.3500



45.7419, 0.4874, -0.1663

Rectangle

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



45.7409, 0.3023, 5.1578



45.7419, -2.9159, 6.0801



45.7419, -5.1241, -0.3500



45.7419, -1.9684, -1.4172

Sweetspot

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



45.7419, 0.3010, 5.1585



64.5659, -2.4600, 4.5129



44.9698, 3.8854, -0.5327



30.9193, -1.0585, 2.2806



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



45.7419, 0.3010, 5.1585



60.3199, 1.2040, 7.5350



47.8273, -3.2106, 7.3863



22.0817, -0.1147, 2.2487



24.3606, 29.2206, 15.5225



1.7671, 0.8779, 1.1042

Inverse Universe

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



46.8770, -4.9827, -0.1935



62.1323, -7.2355, -1.0116



44.7582, -1.4987, -2.8106



22.5261, -2.1827, 0.1536



31.4010, -8.5875, -20.7106



2.1488, -0.9142, -0.7124

Previews

White Background



This preview shows how the HunterLab color 45.7409, 0.3023, 5.1578 looks on a white 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

Black Background



This preview shows how the HunterLab color 45.7409, 0.3023, 5.1578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

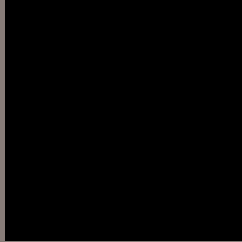
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 45.7409, 0.3023, 5.1578 Background



This preview shows how black text looks on a background with the HunterLab color 45.7409, 0.3023, 5.1578.



This preview shows how white text looks on a background with the HunterLab color 45.7409, 0.3023,

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

45.7409, 0.3023, 5.1578

Protanopia

45.8781, -2.0128, 4.8573

Deuteranopia

45.7579, 3.1477, 5.2266



Tritanopia

45.7202, 3.6989, -0.0716

Trichromacy



Original Color

45.7409, 0.3023, 5.1578

Protanomaly

45.7747, -0.9432, 4.7595

Deuteranomaly

45.8377, 2.0313, 5.2964

Tritanomaly

45.7806, 2.2804, 1.8013

Monochromacy



Original Color

45.7409, 0.3023, 5.1578

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

45.9595, -1.5680, 3.6929

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.7409, 0.3023, 5.1578 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(135, 124, 120)` looks like.

```
.text, #text, p{  
    color:rgb(135, 124, 120)  
}
```

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(135, 124, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 124, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 45.7409, 0.3023, 5.1578 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(135, 124, 120) }
```


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

```
.border{ border-color:rgb(135, 124, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 124, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 124, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 124, 120);  
box-shadow:4px 4px 4px 4px rgb(135, 124,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.7409, 0.3023, 5.1578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 124, 120) }
```

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

```
.background{ background-color: rgb(135,  
124, 120) }
```

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