

Converting Colors

HunterLab(45.2399, -2.5122,
5.1346)

Have a look what the booklet for
HunterLab(45.2399, -2.5122, 5.1346)
contains.

HunterLab(45.3744, -2.4358, 5.1116)	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(45.3744, -2.4358,
5.1116)**

Conversions

Conversions Part 1

Format	Color
Hex	807D77
RGB	128, 125, 119
RGB Percent	50%, 49%, 47%
CMY	0.4980, 0.5098, 0.5333
CMYK	0.00, 0.02, 0.07, 0.50
HSL	40°, 4%, 48%
HSV	40°, 7%, 50%
XYZ	19.5655, 20.5884, 20.3955
YIQ	125.2130, 3.7140, -1.2300

Conversions

Conversions Part 2

Format	Color
RYB	124, 128, 119
Decimal	8420727
CIELab	52.50, -0.02, 3.66
CIELCh	52, 3.664, 90.268
Yxy	20.5893, 0.3231, 0.3400
Android (android.graphics.Color)	4286610807 (0xFF807D77)
YUV	125.2130, -3.0630, 2.4442
Hunter-Lab	45.3744, -2.4358, 5.1116

Details

The HunterLab color $45.3744, -2.4358, 5.1116$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $44.0445, -2.2504, -0.3906$, and the grayscale version is $45.3803, -2.4214, 2.4656$.

A 20% lighter version of the original color is $66.7868, -3.7500, 6.8848$, and $26.9927, -1.3027, 3.5160$ is the 20% darker color. If you saturate the color by 10%, you get $43.8700, -2.2312, 8.4908$, and if you desaturate by 10%, it is $46.9260, -2.4722, 1.3810$.

Distribution



Red (50%)

Green (49%)

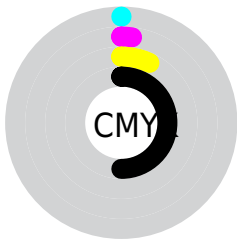
Blue (47%)



Red (49%)

Yellow (50%)

Blue (47%)



Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (50%)



Cyan (50%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.3744, -2.4358, 5.1116 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 45.3744, -2.4358, 5.1116 by changing the saturation by 10% instead.

■ 45.3744, -2.4358,
5.1116

■ 45.3744, -2.4358,
5.1116

159.7146, -8.5509,
12.7852

■ 35.8108, -1.9251,
4.3781

■ 66.6355, -3.5743,
6.6520

■ 27.0324, -1.4551,
3.6662

■ 78.2434, -4.1951,
7.4580

■ 19.1185, -1.0312,
2.9736

■ 90.4565, -4.8483,
8.2880

■ 12.1762, -0.6590,
2.2933

103.2462, -5.5321,
9.1416

■ 5.2577, -0.2950,
3.1745

116.5876, -6.2454,
10.0186

0.0000, NaN, NaN

130.4589, -6.9870,

0.0000, NaN, NaN

10.9184

0.0000, NaN, NaN

144.8403, -7.7558,
11.8407

0.0000, NaN, NaN

■ 45.3744, -2.4358,
5.1116

■ 45.3744, -2.4358,
5.1116

■ 43.8700, -2.2312,
8.4908

■ 46.9260, -2.4722,
1.3810

■ 42.4120, -1.8466,
11.4942

■ 48.5198, -2.3456,
-2.6810

■ 41.0037, -1.2758,
14.1009

■ 50.1545, -2.0660,
-7.0523

■ 39.6472, -0.5126,
16.2907

■ 51.8283, -1.6420,
-11.7121

■ 38.3445, 0.4470,
18.0466

■ 53.5391, -1.0824,
-16.6411

■ 37.0975, 1.6046,
19.3564

■ 55.2852, -0.3953,
-21.8210

■ 35.9076, 2.9578,
20.2154

■ 57.0649, 0.4114,
-27.2349

■ 34.7755, 4.4988,
20.6308

■ 58.8766, 1.3303,
-32.8670

■ 33.6974, 6.1940,
20.6806

■ 60.7187, 2.3544,
-38.7028

Harmonies

Analogous

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



45.3754, -0.9935, 4.7739



45.3744, -2.4358, 5.1116



45.3754, -3.8590, 4.7619

Triad

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



45.3754, -2.4370, 5.1123



45.3754, -4.8722, 1.0742



45.3754, 0.0919, 1.0970

Complementary

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



45.3744, -2.4358, 5.1116



44.0445, -2.2504, -0.3906

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.



45.3754, -0.9700, 0.0518



45.3744, -2.4358, 5.1116



45.3754, -3.8361, 0.0383

Square

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



45.3754, -2.4370, 5.1123



45.3754, -5.2539, 2.4571



45.3754, -2.4101, -0.3416



45.3754, 0.4779, 2.4827

Rectangle

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



45.3744, -2.4358, 5.1116



45.3754, -4.6065, 4.1781



45.3754, -2.4101, -0.3416



45.3754, -0.1986, 0.6926

Sweetspot

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



45.3754, -2.4370, 5.1123



61.2265, -3.2845, 4.3720



43.8044, 0.8149, 2.0846



29.6398, -1.5896, 2.0810



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



45.3754, -2.4370, 5.1123



59.9747, -3.2138, 7.3248



46.0915, -4.2615, 5.8759



21.8760, -1.1694, 2.8348



33.2464, 6.6679, 20.6030

0.0000, NaN, NaN

Inverse Universe

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



44.0445, -2.2504, -0.3906



57.9215, -2.9254, -1.1660



43.3375, -0.4303, -1.2429



21.0419, -1.0520, -0.6149



17.9844, 15.2549, -55.4098

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 45.3744, -2.4358, 5.1116 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 45.3744, -2.4358, 5.1116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

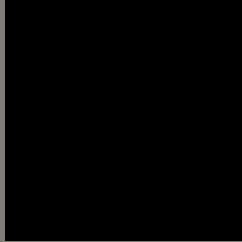
Any Text WCAG AA ✓ Pass

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 45.3744, -2.4358, 5.1116 Background



This preview shows how black text looks on a background with the HunterLab color 45.3744, -2.4358, 5.1116.



This preview shows how white text looks on a background with the HunterLab color 45.3744, -2.4358,

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

45.3744, -2.4358, 5.1116

Protanopia

45.4602, -2.1376, 5.2127

Deuteranopia

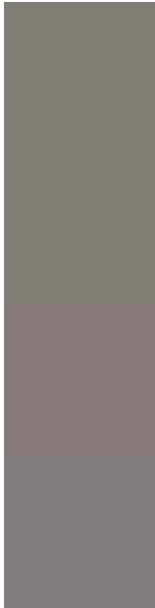
45.2988, 2.9852, 4.7075



Tritanopia

45.3930, 1.2636, -0.9908

Trichromacy



Original Color

45.3744, -2.4358, 5.1116

Protanomaly

45.4602, -2.1376, 5.2127

Deuteranomaly

45.1952, 1.2475, 4.5599

Tritanomaly

45.4323, -0.3105, 1.3386

Monochromacy



Original Color

45.3744, -2.4358, 5.1116

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

45.3133, -2.4319, 3.3604

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.3744, -2.4358, 5.1116 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(128, 125, 119)` looks like.

```
.text, #text, p{  
    color:rgb(128, 125, 119)  
}
```

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(128, 125, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 125, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 45.3744, -2.4358, 5.1116 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(128, 125, 119) }
```


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

```
.border{ border-color:rgb(128, 125, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 125, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 125, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 125, 119);  
box-shadow:4px 4px 4px 4px rgb(128, 125,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.3744, -2.4358, 5.1116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 125, 119) }
```

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

```
.background{ background-color: rgb(128,  
125, 119) }
```

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