

Converting Colors

HunterLab(44.9750, -15.3579,
5.6027)

Have a look what the booklet for
HunterLab(44.9750, -15.3579,
5.6027) contains.

HunterLab(45.1256, -15.4656, 5.8260)	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(45.1256,
-15.4656, 5.8260)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8574
RGB	93, 133, 116
RGB Percent	36%, 52%, 45%
CMY	0.6353, 0.4784, 0.5451
CMYK	0.30, 0.00, 0.13, 0.48
HSL	154°, 18%, 44%
HSV	154°, 30%, 52%
XYZ	16.0541, 20.3632, 19.6074
YIQ	119.1020, -18.3830, -13.7670

Conversions

Conversions Part 2

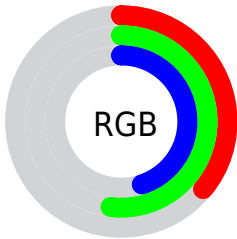
Format	Color
RYB	93, 118, 133
Decimal	6129012
CIELab	52.25, -17.77, 4.72
CIElCh	52, 18.391, 165.114
Yxy	20.3640, 0.2866, 0.3635
Android (android.graphics.Color)	4284319092 (0xFF5D8574)
YUV	119.1020, -1.5293, -22.8915
Hunter-Lab	45.1256, -15.4656, 5.8260

Details

The HunterLab color $45.1256, -15.4656, 5.8260$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $37.3384, 13.0711, -0.1894$, and the grayscale version is $43.0018, -2.2945, 2.3364$.

A 20% lighter version of the original color is $66.2376, -18.5556, 7.3304$, and $26.7615, -12.0227, 4.1636$ is the 20% darker color. If you saturate the color by 10%, you get $44.2738, -19.0011, 7.0601$, and if you desaturate by 10%, it is $46.1032, -11.5346, 4.6721$.

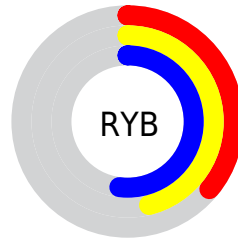
Distribution



Red (36%)

Green (52%)

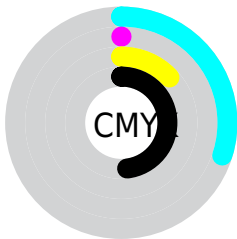
Blue (45%)



Red (36%)

Yellow (46%)

Blue (52%)

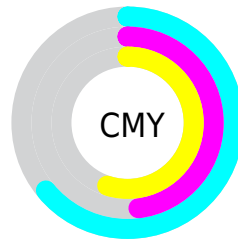


Cyan (30%)

Magenta (0%)

Yellow (13%)

Black (48%)



Cyan (64%)

Magenta (48%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.1256, -15.4656, 5.8260 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 45.1256, -15.4656, 5.8260 by changing the saturation by 10% instead.

■ 45.1256, -15.4656,
5.8260

■ 45.1256, -15.4656,
5.8260

159.3358,
-29.0966, 13.9248

■ 35.5808, -13.8349,
5.0286

■ 66.3526, -18.5987,
7.4796

■ 26.8231, -12.1321,
4.2462

■ 77.9449, -20.1248,
8.3369

■ 18.9320, -10.3203,
3.4738

■ 90.1432, -21.6350,
9.2154

■ 12.0159, -8.3299,
2.6998

■ 102.9187,
-23.1345, 10.1151

■ 4.9868, -8.7269,
3.4908

116.2466,
-24.6276, 11.0361

0.0000, NaN, NaN

130.1048,

0.0000, NaN, NaN

-26.1174, 11.9782

0.0000, NaN, NaN

144.4737,
-27.6064, 12.9412

0.0000, NaN, NaN

■ 45.1256, -15.4656,
5.8260

■ 45.1256, -15.4656,
5.8260

■ 44.2738, -19.0011,
7.0601

■ 46.1032, -11.5346,
4.6721

■ 43.5451, -22.1110,
8.3598

■ 47.2026, -7.2401,
3.6069

■ 42.9384, -24.7765,
9.7104

■ 48.4219, -2.6203,
2.6383

■ 42.4502, -26.9894,
11.0944

■ 49.7576, 2.2861,
1.7712

■ 42.0741, -28.7551,
12.4927

■ 51.2055, 7.4404,
1.0079

■ 41.8012, -30.0954,
13.8847

■ 52.7608, 12.8063,
0.3487

■ 41.5984, -31.1357,
15.2188

■ 54.4185, 18.3499,
-0.2077

■ 56.1733, 24.0408,
-0.6642

■ 58.0200, 29.8523,
-1.0246

Harmonies

Analogous

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



45.1265, -12.1402, 11.0720



45.1256, -15.4656, 5.8260



45.1265, -15.4533, -1.2524

Triad

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



45.1265, -15.4663, 5.8266



45.1265, 1.3952, -12.8210



45.1265, 8.1770, 11.1023

Complementary

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



45.1256, -15.4656, 5.8260



37.3384, 13.0711, -0.1894

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.



45.1265, 12.3062, 5.8748



45.1256, -15.4656, 5.8260



45.1265, 8.2210, -8.2858

Square

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



45.1265, -15.4663, 5.8266



45.1265, -6.0403, -12.8396



45.1265, 12.3228, -1.1957



45.1265, 1.3383, 13.7641

Rectangle

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



45.1256, -15.4656, 5.8260



45.1265, -13.5661, -6.1284



45.1265, 12.3228, -1.1957



45.1265, 9.9470, 9.6283

Sweetspot

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



45.1265, -15.4663, 5.8266



63.3012, -9.1666, 4.7085



45.7195, -14.2774, 14.4920



29.9526, -4.7094, 2.3163



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



45.1265, -15.4663, 5.8266



59.5996, -23.9468, 8.8993



44.8058, -11.5785, -1.9586



22.9048, -3.2987, 1.6995



40.5999, -30.3745, 14.8234



2.4201, -1.6013, 0.4317

Inverse Universe

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



37.3384, 13.0711, -0.1894



47.0258, 22.3009, -0.7130



37.5266, 9.4919, 6.9275



21.7236, 1.0026, 0.7725



22.4238, 39.6432, 4.8632



1.3722, 2.5231, -0.4550

Previews

White Background



This preview shows how the HunterLab color 45.1256, -15.4656, 5.8260 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 45.1256, -15.4656, 5.8260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

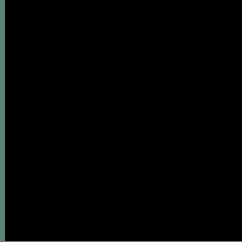
Any Text WCAG AA ✓ Pass

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 45.1256, -15.4656, 5.8260 Background



This preview shows how black text looks on a background with the HunterLab color 45.1256, -15.4656, 5.8260.



This preview shows how white text looks on a background with the HunterLab color 45.1256,

-15.4656, 5.8260.

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

45.1256, -15.4656, 5.8260

Protanopia

44.9779, -2.7911, 7.8420

Deuteranopia

44.9089, 3.0001, 4.6836



Tritanopia

45.2276, -9.0815, -4.8152

Trichromacy



Original Color

45.1256, -15.4656, 5.8260

Protanomaly

44.8152, -7.6384, 6.8124

Deuteranomaly

44.8473, -4.3335, 4.8997

Tritanomaly

45.1199, -11.5598, -0.6160

Monochromacy



Original Color

45.1256, -15.4656, 5.8260

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

43.6329, -7.1875, 3.4707

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.1256, -15.4656, 5.8260 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(93, 133, 116)` looks like.

```
.text, #text, p{  
    color:rgb(93, 133, 116)  
}
```

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(93, 133, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 133, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 45.1256, -15.4656, 5.8260 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(93, 133, 116) }
```


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

```
.border{ border-color:rgb(93, 133, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 133, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 133, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 133, 116);  
box-shadow:4px 4px 4px 4px rgb(93, 133,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.1256, -15.4656, 5.8260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 133, 116) }
```

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

```
.background{ background-color: rgb(93, 133,  
116) }
```

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