

Converting Colors

HunterLab(45.7650, -15.6707,
5.4410)

Have a look what the booklet for
HunterLab(45.7650, -15.6707,
5.4410) contains.

HunterLab(45.8689, -15.6329, 5.4311)	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(45.8689,
-15.6329, 5.4311)**

Conversions

Conversions Part 1

Format	Color
Hex	5E8777
RGB	94, 135, 119
RGB Percent	37%, 53%, 47%
CMY	0.6314, 0.4706, 0.5333
CMYK	0.30, 0.00, 0.12, 0.47
HSL	157°, 18%, 45%
HSV	157°, 30%, 53%
XYZ	16.6099, 21.0396, 20.6384
YIQ	120.9170, -19.3000, -13.6680

Conversions

Conversions Part 2

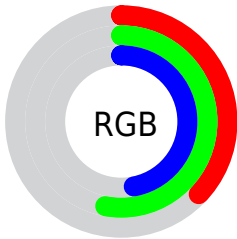
Format	Color
R_{YB}	94, 119, 135
Decimal	6195063
CIE _{Lab}	52.99, -17.84, 4.07
CIE _{LCh}	53, 18.300, 167.158
Y _{xy}	21.0404, 0.2850, 0.3610
Android (android.graphics.Color)	4284385143 (0xFF5E8777)
YUV	120.9170, -0.9451, -23.6062
Hunter-Lab	45.8689, -15.6329, 5.4311

Details

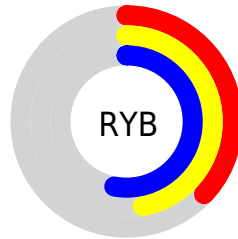
The HunterLab color $45.8689, -15.6329, 5.4311$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $37.7924, 13.2580, 0.3750$, and the grayscale version is $43.7042, -2.3319, 2.3745$.

A 20% lighter version of the original color is $67.0952, -18.4819, 6.9741$, and $27.4459, -12.1784, 3.8211$ is the 20% darker color. If you saturate the color by 10%, you get $45.0166, -19.1536, 6.5415$, and if you desaturate by 10%, it is $46.8485, -11.7124, 4.4165$.

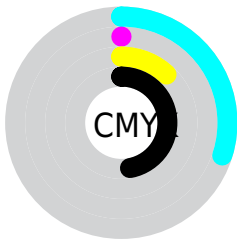
Distribution



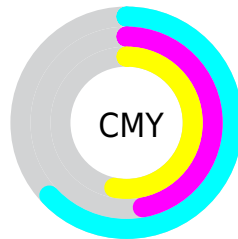
- Red (37%)
- Green (53%)
- Blue (47%)



- Red (37%)
- Yellow (47%)
- Blue (53%)



- Cyan (30%)
- Magenta (0%)
- Yellow (12%)
- Black (47%)



- Cyan (63%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.8689, -15.6329, 5.4311 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 45.8689, -15.6329, 5.4311 by changing the saturation by 10% instead.

■ 45.8689, -15.6329,
5.4311

■ 45.8689, -15.6329,
5.4311

160.4660,
-29.2855, 13.2777

■ 36.2678, -14.0019,
4.6721

■ 67.1973, -18.7690,
7.0169

■ 27.4488, -12.3006,
3.9325

■ 78.8360, -20.2973,
7.8437

■ 19.4897, -10.4931,
3.2091

■ 91.0784, -21.8099,
8.6935

■ 12.4959, -8.5130,
2.4934

■ 103.8960,
-23.3121, 9.5659

■ 5.7569, -10.0746,
3.2420

117.2643,
-24.8079, 10.4609

0.0000, NaN, NaN

131.1613,

0.0000, NaN, NaN

-26.3005, 11.3781

0.0000, NaN, NaN

145.5677,
-27.7924, 12.3171

0.0000, NaN, NaN

■ 45.8689, -15.6329,
5.4311

■ 45.8689, -15.6329,
5.4311

■ 45.0166, -19.1536,
6.5415

■ 46.8485, -11.7124,
4.4165

■ 44.2884, -22.2453,
7.7343

■ 47.9512, -7.4233,
3.5046

■ 43.6835, -24.8903,
8.9957

■ 49.1755, -2.8036,
2.7020

■ 43.1976, -27.0817,
10.3092

■ 50.5179, 2.1082,
2.0120

■ 42.8243, -28.8262,
11.6557

■ 51.9742, 7.2736,
1.4355

■ 42.5544, -30.1474,
13.0148

■ 53.5396, 12.6558,
0.9715

■ 42.3589, -31.1479,
14.2945

■ 55.2091, 18.2209,
0.6172

■ 56.9775, 23.9380,
0.3688

■ 58.8395, 29.7800,
0.2214

Harmonies

Analogous

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



45.8698, -12.5158, 10.8515



45.8689, -15.6329, 5.4311



45.8698, -15.3858, -1.7207

Triad

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



45.8698, -15.6336, 5.4317



45.8698, 1.8657, -12.5750



45.8698, 7.7335, 11.4297

Complementary

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



45.8689, -15.6329, 5.4311



37.7924, 13.2580, 0.3750

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.



45.8698, 12.1002, 6.3484



45.8689, -15.6329, 5.4311



45.8698, 8.5665, -7.8021

Square

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



45.8698, -15.6336, 5.4317



45.8698, -5.5996, -12.9264



45.8698, 12.4145, -0.6458



45.8698, 0.7871, 13.9228

Rectangle

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



45.8689, -15.6329, 5.4311



45.8698, -13.3474, -6.5488



45.8698, 12.4145, -0.6458



45.8698, 9.5705, 10.0083

Sweetspot

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



45.8698, -15.6336, 5.4317



64.3506, -9.2328, 4.5565



46.3441, -14.9877, 14.7464



30.8705, -4.8158, 2.2637



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.



45.8698, -15.6336, 5.4317



60.6281, -24.0159, 8.2107



45.0950, -11.2574, -2.5481



22.9105, -3.2671, 1.6183



40.6785, -29.8897, 13.6788



2.4241, -1.5769, 0.3741

Inverse Universe

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



37.7924, 13.2580, 0.3750



47.7104, 22.3624, 0.2257



38.3584, 9.1421, 7.4275



21.7177, 0.9710, 0.8560



22.3308, 39.3028, 6.2077



1.3651, 2.4976, -0.3563

Previews

White Background



This preview shows how the HunterLab color 45.8689, -15.6329, 5.4311 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 45.8689, -15.6329, 5.4311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

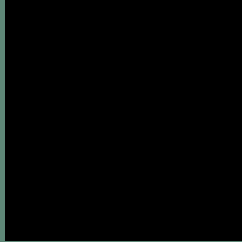
Any Text WCAG AA ✓ Pass

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 45.8689, -15.6329, 5.4311 Background



This preview shows how black text looks on a background with the HunterLab color 45.8689, -15.6329, 5.4311.



This preview shows how white text looks on a background with the HunterLab color 45.8689,

-15.6329, 5.4311.

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

45.8689, -15.6329, 5.4311

Protanopia

45.7842, -2.7007, 7.5490

Deuteranopia

45.7161, 3.1148, 4.3453



Tritanopia

45.9436, -9.3825, -4.8793

Trichromacy



Original Color

45.8689, -15.6329, 5.4311

Protanomaly

45.6213, -7.5556, 6.5059

Deuteranomaly

45.5743, -4.5197, 4.4704

Tritanomaly

45.8668, -11.6938, -1.0967

Monochromacy



Original Color

45.8689, -15.6329, 5.4311

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.3365, -7.5097, 3.4261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.8689, -15.6329, 5.4311 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(94, 135, 119)` looks like.

```
.text, #text, p{  
    color:rgb(94, 135, 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(94, 135, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 135, 119) }
```

Border

The CSS property to change the border of an element to HunterLab 45.8689, -15.6329, 5.4311 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(94, 135, 119) }
```


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

```
.border{ border-color:rgb(94, 135, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 135, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 135, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 135, 119);  
box-shadow:4px 4px 4px 4px rgb(94, 135,  
119) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.8689, -15.6329, 5.4311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 135, 119) }
```

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

```
.background{ background-color: rgb(94, 135,  
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