

Converting Colors

HunterLab(14.5865, -5.6777,
8.8887)

Have a look what the booklet for
HunterLab(14.5865, -5.6777, 8.8887)
contains.

HunterLab(14.5639, -5.5479, 8.8771)	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(14.5639, -5.5479,
8.8771)**

Conversions

Conversions Part 1

Format	Color
Hex	252B00
RGB	37, 43, 0
RGB Percent	15%, 17%, 0%
CMY	0.8549, 0.8314, 1.0000
CMYK	0.14, 0.00, 1.00, 0.83
HSL	68°, 100%, 8%
HSV	68°, 100%, 17%
XYZ	1.6268, 2.1211, 0.3237
YIQ	36.3040, 10.2270, -14.6450

Conversions

Conversions Part 2

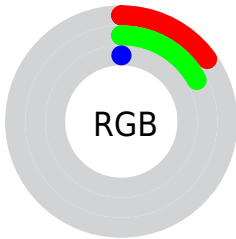
Format	Color
R_{YB}	0, 43, 6
Decimal	2435840
CIE _{Lab}	16.11, -9.55, 23.15
CIE _{LCh}	16, 25.040, 112.422
Yxy	2.1212, 0.3996, 0.5209
Android (android.graphics.Color)	4280625920 (0xFF252B00)
YUV	36.3040, -17.8979, 0.6104
Hunter-Lab	14.5639, -5.5479, 8.8771

Details

The HunterLab color **14.5639, -5.5479, 8.8771** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4.6171, 11.6837, -26.3009**, and the grayscale version is **13.4325, -0.7167, 0.7298**.

A 20% lighter version of the original color is **30.0394, -7.5861, 13.0693**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.5642, -5.5484, 8.8773**, and if you desaturate by 10%, it is **14.6348, -5.2159, 8.4263**.

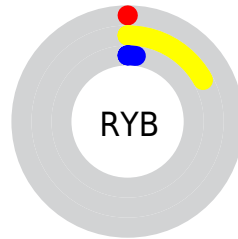
Distribution



Red (15%)

Green (17%)

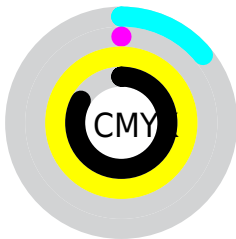
Blue (0%)



Red (0%)

Yellow (17%)

Blue (2%)

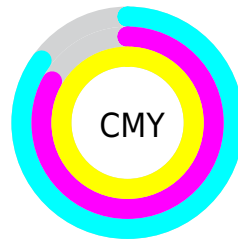


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (83%)



Cyan (85%)

Magenta (83%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.5639, -5.5479, 8.8771 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 14.5639, -5.5479, 8.8771 by changing the saturation by 10% instead.

■ 14.5639, -5.5479,
8.8771

■ 14.5639, -5.5479,
8.8771

■ 108.0049,
-15.5640, 26.4405

■ 8.2249, -5.4994,
5.7574

■ 30.1095, -7.8515,
13.1241

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 39.1798, -8.9561,
15.2443

0.0000, NaN, NaN

■ 49.0131, -10.0503,
17.2544

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.5542, -11.1420,
19.1845

0.0000, NaN, NaN


■ 70.7584, -12.2362,
21.0553


0.0000, NaN, NaN


■ 82.5886, -13.3365,


0.0000, NaN, NaN


22.8815


 95.0131, -14.4452,
24.6738


 14.5639, -5.5479,
8.8771


 14.5639, -5.5479,
8.8771


 14.5642, -5.5484,
8.8773

 14.6348, -5.2159,
8.4263

 14.7057, -4.8845,
7.9803

 14.7787, -4.5436,
7.5128

 14.8599, -4.1589,
6.9347

 14.9499, -3.7265,
6.2355

■ 15.0493, -3.2453,
5.4119

■ 15.1581, -2.7150,
4.4617

■ 15.2766, -2.1354,
3.3838

■ 15.4049, -1.5066,
2.1778

Harmonies

Analogous

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



14.5642, 1.0332, 9.3537



14.5639, -5.5479, 8.8771



14.5642, -9.9553, 6.6354

Triad

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



14.5642, -5.5484, 8.8772



14.5642, -8.0872, -13.3750



14.5642, 15.0425, -0.9919

Complementary

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



14.5639, -5.5479, 8.8771



4.6171, 11.6837, -26.3009

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.



14.5642, 11.4474, -9.3304



14.5639, -5.5479, 8.8771



14.5642, -2.5046, -18.3703

Square

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



14.5642, -5.5484, 8.8772



14.5642, -11.2173, -4.9610



14.5642, 4.6985, -16.6179



14.5642, 13.8080, 4.8676

Rectangle

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



14.5639, -5.5479, 8.8771



14.5642, -11.4845, 4.1432



14.5642, 4.6985, -16.6179



14.5642, 14.3386, -3.6102

Sweetspot

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



14.5642, -5.5484, 8.8772



19.4003, -3.6087, 5.9532



7.9881, 9.6750, 5.0915



10.5097, -1.9549, 3.2250



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



14.5642, -5.5484, 8.8772



18.6360, -7.2238, 11.3570



13.5498, -9.5681, 8.1817



8.4222, -0.7453, 1.0386



27.8519, -11.0260, 16.9692



75.4126, -30.7283, 45.9310

Inverse Universe

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



4.6171, 11.6837, -26.3009



5.8054, 14.8769, -34.5036



6.4083, 13.6956, -16.9582



7.9449, -0.1150, -0.1858



8.4781, 22.0965, -53.2611



22.3718, 59.4804, -149.6352

Previews

White Background



This preview shows how the HunterLab color 14.5639, -5.5479, 8.8771 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

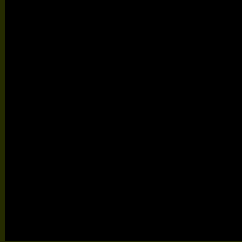
Any Text WCAG AA × Fail

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 14.5639, -5.5479, 8.8771 Background



This preview shows how black text looks on a background with the HunterLab color 14.5639, -5.5479, 8.8771.

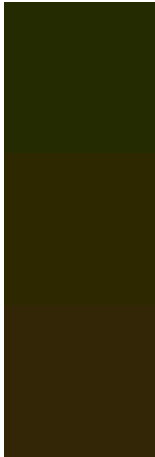


This preview shows how white text looks on a background with the HunterLab color 14.5639, -5.5479, 8.8771.

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

14.5639, -5.5479, 8.8771

Protanopia

14.4065, -2.4012, 8.8352

Deuteranopia

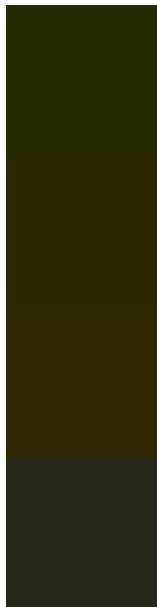
14.5099, 0.4012, 8.1266



Tritanopia

14.6394, -0.3803, -0.2423

Trichromacy



Original Color

14.5639, -5.5479, 8.8771

Protanomaly

14.4157, -3.5858, 8.8201

Deuteranomaly

14.5162, -1.9485, 8.4415

Tritanomaly

14.4788, -2.8080, 4.6265

Monochromacy



Original Color

14.5639, -5.5479, 8.8771

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.7403, -3.1597, 4.9136

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.5639, -5.5479, 8.8771 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(37, 43, 0)` looks like.

```
.text, #text, p{  
    color:rgb(37, 43, 0)  
}
```

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(37, 43, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 43, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 14.5639, -5.5479, 8.8771 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(37, 43, 0) }
```


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

```
.border{ border-color:rgb(37, 43, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 43, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 43, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(37, 43, 0); box-shadow:4px  
4px 4px 4px rgb(37, 43, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 14.5639, -5.5479, 8.8771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 43, 0) }
```

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

```
.background{ background-color: rgb(37, 43,  
0) }
```

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