

Converting Colors

HunterLab(68.9525, -45.1926,
17.9615)

Have a look what the booklet for
HunterLab(68.9525, -45.1926,
17.9615) contains.

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Color

**HunterLab(68.9525,
-45.1926, 17.9615)**

Conversions

Conversions Part 1

Format	Color
Hex	37CF93
RGB	55, 207, 147
RGB Percent	22%, 81%, 58%
CMY	0.7843, 0.1882, 0.4235
CMYK	0.73, 0.00, 0.29, 0.19
HSL	156°, 61%, 51%
HSV	156°, 73%, 81%
XYZ	29.1548, 47.5445, 35.2441
YIQ	154.7120, -71.3320, -50.8840

Conversions

Conversions Part 2

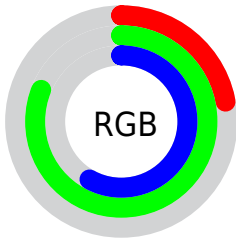
Format	Color
RYB	55, 150, 207
Decimal	3657619
CIELab	74.54, -53.04, 18.78
CIELCh	75, 56.265, 160.505
Yxy	47.5464, 0.2604, 0.4247
Android (android.graphics.Color)	4281847699 (0xFF37CF93)
YUV	154.7120, -3.8020, -87.4474
Hunter-Lab	68.9525, -45.1926, 17.9615

Details

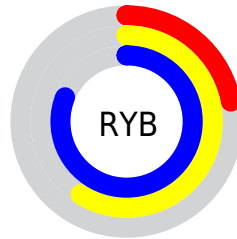
The HunterLab color **68.9525, -45.1926, 17.9615** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **41.5171, 57.1639, 3.4174**, and the grayscale version is **57.1722, -3.0506, 3.1063**.

A 20% lighter version of the original color is **89.3726, -47.8938, 17.5740**, and **47.9351, -34.8147, 15.2402** is the 20% darker color. If you saturate the color by 10%, you get **68.4337, -47.6867, 20.2276**, and if you desaturate by 10%, it is **69.6593, -41.9501, 15.7301**.

Distribution



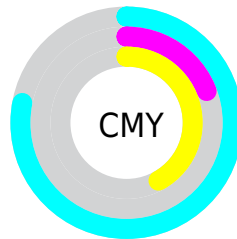
- Red (22%)
- Green (81%)
- Blue (58%)



- Red (22%)
- Yellow (59%)
- Blue (81%)



- Cyan (73%)
- Magenta (0%)
- Yellow (29%)
- Black (19%)





- Cyan (78%)
- Magenta (19%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.9525, -45.1926, 17.9615 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 68.9525, -45.1926, 17.9615 by changing the saturation by 10% instead.


 68.9525, -45.1926,
17.9615

 68.9525, -45.1926,
17.9615


194.1626,
-73.2409, 31.9115


 57.8513, -41.5546,
16.3431


 93.0208, -52.0242,
21.1214


 47.4184, -37.7178,
14.6834


 105.9250,
-55.2680, 22.6764

 37.7011, -33.6270,
12.9662


 119.3763,
-58.4219, 24.2218

 28.7567, -29.2005,
11.1663

 133.3531,
-61.4996, 25.7614

 20.6588, -24.3128,
9.2442

 147.8365,
-64.5121, 27.2981

 13.5074, -20.5333,
7.5254

162.8094,

 7.0878, -12.4037,

-67.4684, 28.8341

4.9615

178.2561,
-70.3759, 30.3714

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.9525, -45.1926,
17.9615

■ 68.9525, -45.1926,
17.9615

■ 68.4337, -47.6867,
20.2276

■ 69.6593, -41.9501,
15.7301

■ 68.0787, -49.4921,
22.4880

■ 70.5641, -37.9302,
13.5667

■ 67.9083, -50.4086,
23.9381

■ 71.6775, -33.1341,
11.5038

■ 73.0046, -27.5858,
9.5692

■ 74.5471, -21.3274,

7.7857

■ 76.3038, -14.4143,
6.1716

■ 78.2709, -6.9107,
4.7394

■ 80.4428, 1.1152,
3.4969

■ 82.8122, 9.5946,
2.4474

Harmonies

Analogous

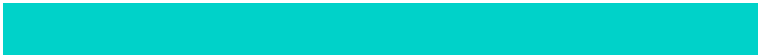
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.9539, -33.5671, 31.2383



68.9525, -45.1926, 17.9615



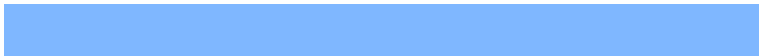
68.9539, -46.7155, -5.6123

Triad

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



68.9539, -45.1932, 17.9621



68.9539, 5.7875, -62.3291



68.9539, 39.1627, 28.2695

Complementary

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



68.9525, -45.1926, 17.9615



41.5171, 57.1639, 3.4174

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.



68.9539, 53.4555, 11.9654



68.9525, -45.1926, 17.9615



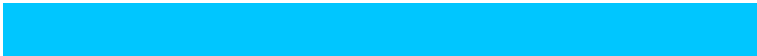
68.9539, 32.3568, -43.7925

Square

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



68.9539, -45.1932, 17.9621



68.9539, -19.7698, -58.7858



68.9539, 50.7933, -14.3199



68.9539, 14.0290, 35.4572

Rectangle

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



68.9525, -45.1926, 17.9615



68.9539, -42.0880, -25.4240



68.9539, 50.7933, -14.3199



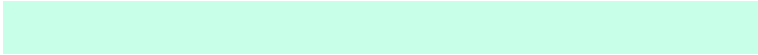
68.9539, 45.5533, 23.9894

Sweetspot

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



68.9539, -45.1932, 17.9621



94.6168, -26.0234, 9.6075



69.7157, -44.7301, 39.1010



43.5095, -13.0976, 4.7189

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.9539, -45.1932, 17.9621



86.3560, -61.7565, 27.2237



65.5215, -28.4514, -13.5433



36.5031, -5.4327, 2.6403



53.9192, -39.9020, 18.7428



12.8100, -9.0651, 3.5576

Inverse Universe

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



41.5171, 57.1639, 3.4174



48.5340, 80.7899, 9.9300



42.3648, 46.4736, 21.8593



34.4738, 1.8010, 1.3060



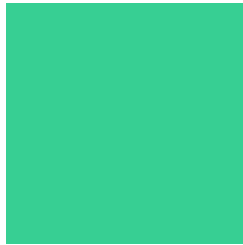
29.5911, 52.0223, 8.6815



7.1066, 12.7012, 0.4769

Previews

White Background



This preview shows how the HunterLab color 68.9525, -45.1926, 17.9615 looks on a white background.

Color Contrast Check

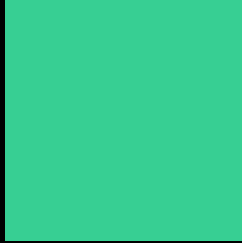
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 68.9525, -45.1926, 17.9615 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 ✓ Pass

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

HunterLab 68.9525, -45.1926, 17.9615 Background



This preview shows how black text looks on a background with the HunterLab color 68.9525, -45.1926, 17.9615.



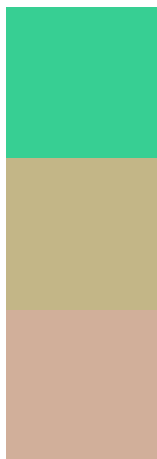
This preview shows how white text looks on a background with the HunterLab color 68.9525,

-45.1926, 17.9615.

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

68.9525, -45.1926, 17.9615

Protanopia

68.4158, -5.9556, 22.1891

Deuteranopia

68.2263, 4.7657, 15.5567



Tritanopia

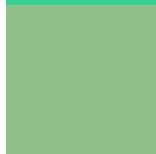
68.7180, -26.3038, -13.0068

Trichromacy



Original Color

68.9525, -45.1926, 17.9615



Protanomaly

67.1230, -24.9414, 19.3486



Deuteranomaly

66.7438, -19.2042, 14.7826



Tritanomaly

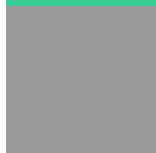
68.5470, -33.8084, -0.4900

Monochromacy



Original Color

68.9525, -45.1926, 17.9615



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

60.3830, -21.6827, 7.6601

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.9525, -45.1926, 17.9615 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(55, 207, 147)` looks like.

```
.text, #text, p{  
    color:rgb(55, 207, 147)  
}
```

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(55, 207, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 207, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 68.9525, -45.1926, 17.9615 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(55, 207, 147) }
```


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

```
.border{ border-color:rgb(55, 207, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 207, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 207, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 207, 147);  
box-shadow:4px 4px 4px 4px rgb(55, 207,  
147) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.9525, -45.1926, 17.9615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 207, 147) }
```

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

```
.background{ background-color: rgb(55, 207,  
147) }
```

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](#).

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