

Converting Colors

HunterLab(50.6245, -35.4078,
16.9443)

Have a look what the booklet for
HunterLab(50.6245, -35.4078,
16.9443) contains.

HunterLab(50.6711, -35.5127, 17.0809)	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(50.6711,
-35.5127, 17.0809)**

Conversions

Conversions Part 1

Format	Color
Hex	229E62
RGB	34, 158, 98
RGB Percent	13%, 62%, 38%
CMY	0.8667, 0.3804, 0.6157
CMYK	0.78, 0.00, 0.38, 0.38
HSL	151°, 65%, 38%
HSV	151°, 78%, 62%
XYZ	15.0911, 25.6756, 15.7157
YIQ	114.0840, -54.6440, -44.9480

Conversions

Conversions Part 2

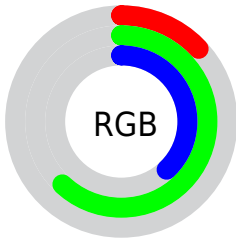
Format	Color
R_{YB}	34, 116, 158
Decimal	2268770
CIE _{Lab}	57.73, -47.05, 22.21
CIE _{LCh}	58, 52.023, 154.732
Yxy	25.6766, 0.2672, 0.4546
Android (android.graphics.Color)	4280458850 (0xFF229E62)
YUV	114.0840, -7.9294, -70.2337
Hunter-Lab	50.6711, -35.5127, 17.0809

Details

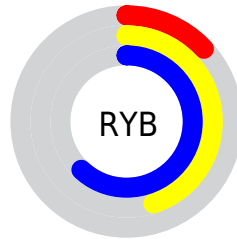
The HunterLab color **50.6711, -35.5127, 17.0809** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **30.3674, 44.9829, -1.1776**, and the grayscale version is **41.0986, -2.1929, 2.2330**.

A 20% lighter version of the original color is **72.7432, -42.3561, 20.9073**, and **32.1592, -24.9232, 13.6058** is the 20% darker color. If you saturate the color by 10%, you get **50.3284, -37.2105, 18.8716**, and if you desaturate by 10%, it is **51.1479, -33.2650, 15.2398**.

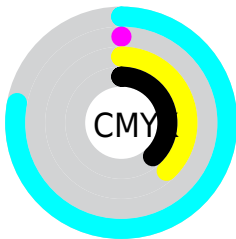
Distribution



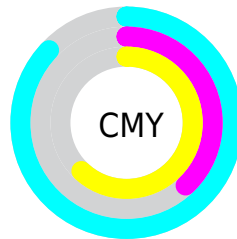
- Red (13%)
- Green (62%)
- Blue (38%)



- Red (13%)
- Yellow (45%)
- Blue (62%)



- Cyan (78%)
- Magenta (0%)
- Yellow (38%)
- Black (38%)



- Cyan (87%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.6711, -35.5127, 17.0809 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 50.6711, -35.5127, 17.0809 by changing the saturation by 10% instead.

■ 50.6711, -35.5127,
17.0809

■ 50.6711, -35.5127,
17.0809

167.6875,
-62.1434, 32.7179

■ 40.7209, -31.9391,
15.1509

■ 72.6311, -42.1090,
20.7484

■ 31.5228, -28.1037,
13.1227

■ 84.5595, -45.2046,
22.5168

■ 23.1454, -23.9114,
10.9557

■ 97.0776, -48.1987,
24.2559

■ 15.6789, -19.2749,
8.7648

■ 110.1588,
-51.1086, 25.9730

■ 9.2500, -16.1875,
6.4750

■ 123.7800,
-53.9482, 27.6737

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 137.9205,

-56.7283, 29.3625

0.0000, NaN, NaN

152.5619,
-59.4576, 31.0430

0.0000, NaN, NaN

■ 50.6711, -35.5127,
17.0809

■ 50.6711, -35.5127,
17.0809

■ 50.3284, -37.2105,
18.8716

■ 51.1479, -33.2650,
15.2398

■ 50.0901, -38.4534,
20.5747

■ 51.7668, -30.4402,
13.3733

■ 50.0569, -38.6280,
20.8200

■ 52.5365, -27.0346,
11.5075

■ 53.4614, -23.0619,
9.6664

■ 54.5433, -18.5501,
7.8722

■ 55.7819, -13.5383,
6.1442

■ 57.1750, -8.0728,
4.4985

■ 58.7188, -2.2037,
2.9478

■ 60.4084, 4.0176,
1.5013

Harmonies

Analogous

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



50.6721, -24.5867, 25.9081



50.6711, -35.5127, 17.0809



50.6721, -38.2910, -0.6679

Triad

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



50.6721, -35.5132, 17.0813



50.6721, 0.8235, -55.8108



50.6721, 36.8679, 20.7195

Complementary

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



50.6711, -35.5127, 17.0809



30.3674, 44.9829, -1.1776

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.



50.6721, 46.6066, 5.9607



50.6711, -35.5127, 17.0809



50.6721, 23.6606, -42.5938

Square

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



50.6721, -35.5132, 17.0813



50.6721, -19.4981, -48.6609



50.6721, 41.4043, -17.5544



50.6721, 16.6038, 27.2944

Rectangle

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



50.6711, -35.5127, 17.0809



50.6721, -35.6344, -17.0856



50.6721, 41.4043, -17.5544



50.6721, 41.6246, 16.8482

Sweetspot

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



50.6721, -35.5132, 17.0813



74.1448, -22.3664, 9.6623



52.0164, -31.5238, 29.7752



34.9469, -11.6732, 4.9648



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



50.6721, -35.5132, 17.0813



67.5812, -51.3920, 27.1405



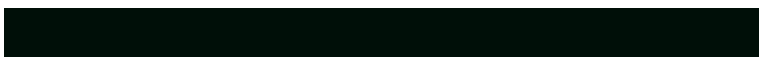
52.2144, -26.2207, -5.0173



27.3045, -4.0707, 2.2114



44.8055, -34.5133, 18.5014



6.0621, -4.1791, 1.4445

Inverse Universe

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



30.3674, 44.9829, -1.1776



38.1064, 66.1695, 3.2782



29.2046, 40.3401, 15.6291



25.8785, 1.3411, 0.7310



25.0054, 44.5457, 2.8003



3.4687, 6.4080, -1.3843

Previews

White Background



This preview shows how the HunterLab color 50.6711, -35.5127, 17.0809 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 50.6711, -35.5127, 17.0809 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 50.6711, -35.5127, 17.0809 Background



This preview shows how black text looks on a background with the HunterLab color 50.6711, -35.5127, 17.0809.



This preview shows how white text looks on a background with the HunterLab color 50.6711,

-35.5127, 17.0809.

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

50.6711, -35.5127, 17.0809

Protanopia

50.3976, -4.9215, 19.5890

Deuteranopia

50.1831, 3.4170, 15.5090



Tritanopia

50.5087, -19.3270, -9.3404

Trichromacy



Original Color

50.6711, -35.5127, 17.0809



Protanomaly

49.2232, -19.8312, 17.5101



Deuteranomaly

48.6353, -15.4027, 14.3750



Tritanomaly

50.4018, -26.1567, 1.8659

Monochromacy



Original Color

50.6711, -35.5127, 17.0809



Achromatopsia

41.0207, -2.1888, 2.2287



Achromatomaly

43.5652, -17.0915, 7.2372

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.6711, -35.5127, 17.0809 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(34, 158, 98)` looks like.

```
.text, #text, p{  
    color:rgb(34, 158, 98)  
}
```

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(34, 158, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 158, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 50.6711, -35.5127, 17.0809 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(34, 158, 98) }
```


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

```
.border{ border-color:rgb(34, 158, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 158, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 158, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 158, 98);  
box-shadow:4px 4px 4px 4px rgb(34, 158,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.6711, -35.5127, 17.0809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 158, 98) }
```

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

```
.background{ background-color: rgb(34, 158,  
98) }
```

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