Converting Colors

HunterLab(64.9519, -45.5516, 34.8465)

Have a look what the booklet for HunterLab(64.9519, -45.5516, 34.8465) contains.

Color

HunterLab(65.0979, -45.6006, 34.8970)

Conversions

Conversions Part 1

Format	Color
Hex	58C540
RGB	88, 197, 64
RGB Percent	35%, 77%, 25%
CMY	0.6549, 0.2274, 0.7490
CMYK	0.55, 0.00, 0.68, 0.23
HSL	109°, 53%, 51%
HSV	109°, 68%, 77%
XYZ	24.9162, 42.3774, 11.7169
YIQ	149.2470, -22.2710, -64.4710

Conversions

Conversions Part 2

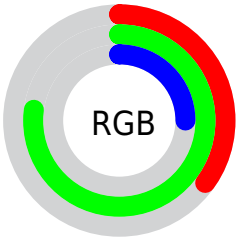
Format	Color
RYB	64, 197, 173
Decimal	5817664
CIELab	71.13, -55.56, 55.10
CIELCh	71, 78.247, 135.242
Yxy	42.3792, 0.3154, 0.5363
Android (android.graphics.Color)	4284007744 (0xFF58C540)
YUV	149.2470, -42.0268, -53.7136
Hunter-Lab	65.0979, -45.6006, 34.8970

Details

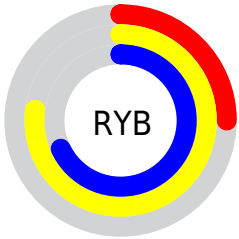
The HunterLab color 65.0979, -45.6006, 34.8970 is a dark color, and the websafe version is hex 66CC33. The color can be described as dark muted green. A complement of this color would be 40.7232, 56.4949, -50.8278, and the grayscale version is 55.0935, -2.9397, 2.9933.

A 20% lighter version of the original color is 88.8994, -53.0459, 42.4198, and 44.0281, -37.5281, 26.4729 is the 20% darker color. If you saturate the color by 10%, you get 64.4131, -48.7390, 36.6168, and if you desaturate by 10%, it is 65.9708, -41.6317, 32.4384.

Distribution

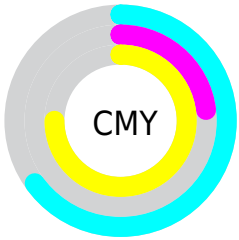


- Red (35%)
- Green (77%)
- Blue (25%)



- Red (25%)
- Yellow (77%)
- Blue (68%)

- Cyan (55%)
- Magenta (0%)
- Yellow (68%)
- Black (23%)



- Cyan (65%)
- Magenta (23%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.0979, -45.6006, 34.8970 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 65.0979, -45.6006, 34.8970 by changing the saturation by 10% instead.

65.0979, -45.6006, 34.8970

65.0979, -45.6006, 34.8970

188.6935, -75.0070, 65.0199

54.2202, -41.7380, 30.9211

88.7542, -52.8172, 42.3299

44.0254, -37.6453, 26.7287

101.4668, -56.2289, 45.8382

34.5642, -33.2569, 22.2854

114.7342, -59.5385, 49.2353

25.8989, -28.4742, 18.1292

128.5343, -62.7615, 52.5368

18.1104, -23.1438, 12.6773

142.8472, -65.9104, 55.7559

11.3116, -19.7953, 7.9181

157.6551,

3.5393, -6.1938,

-68.9956, 58.9036

172.9421, -72.0255, 61.9891

2.4775

0.0000, NaN, NaN

0.0000, NaN, NaN

65.0979, -45.6006, 34.8970

64.4131, -48.7390, 36.6168

63.9023, -51.0660, 37.6497

63.5511, -52.6456, 38.1069

63.4832, -52.9514, 38.1910

65.0979, -45.6006, 34.8970

65.9708, -41.6317, 32.4384

67.0341, -36.8337, 29.2172

68.2920, -31.2345, 25.2356

69.7448, -24.8787, 20.5153

71.3905, -17.8239,

15.0937

73.2250, -10.1360, 9.0190

75.2427, -1.8847, 2.3466

77.4368, 6.8595, -4.8650

79.7998, 16.0288, -12.5567

Harmonies

Analogous

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

65.0993, -20.6493, 40.3958

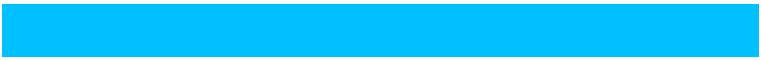
65.0979, -45.6006, 34.8970

65.0993, -57.6862, 18.1506

Triad

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

65.0993, -45.6017, 34.8973



65.0993, -20.1456, -97.3134

65.0993, 77.4130, 18.5514

Complementary

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

65.0979, -45.6006, 34.8970

40.7232, 56.4949, -50.8278

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.

65.0993, 77.6306, -15.5028

65.0979, -45.6006, 34.8970

65.0993, 15.6833, -96.9893

Square

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

65.0993, -45.6017, 34.8973

65.0993, -45.3021, -62.4596

65.0993, 53.1516, -61.7258

65.0993, 52.6092, 35.0537

Rectangle

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

65.0979, -45.6006, 34.8970

65.0993, -58.9448, -2.7459

65.0993, 53.1516, -61.7258

65.0993, 80.5157, 9.2620

Sweetspot

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

65.0993, -45.6017, 34.8973

94.8978, -26.5818, 22.3187

64.7942, -6.4361, 35.3742

43.6106, -13.5541, 11.2933

0.0000, NaN, NaN

46.2646, -2.4686, 2.5136

Same Dimension

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

65.0993, -45.6017, 34.8973

85.8499, -66.8309, 49.7654

64.8594, -45.5558, 26.6737

34.6098, -5.5210, 4.8478

51.5104, -42.8343, 30.9906

11.3368, -8.7791, 6.8320

Inverse Universe

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

40.7232, 56.4949, -50.8278

49.2294, 87.7436, -82.0710

42.3094, 55.7642, -16.3395

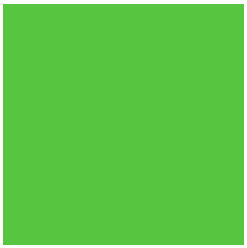
32.7355, 2.0839, -1.3768

27.7484, 57.0753, -56.1406

6.2494, 12.7112, -11.5346

Previews

White Background

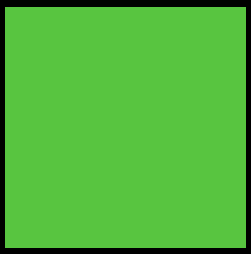


This preview shows how the HunterLab color 65.0979, -45.6006, 34.8970 looks on a white background.

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 65.0979, -45.6006, 34.8970 looks on a black background.

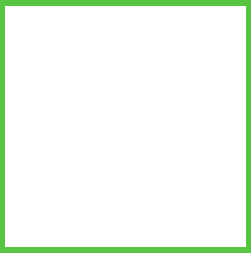
Color Contrast Check

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 65.0979, -45.6006, 34.8970 Background

This preview shows how black text looks on a background with the HunterLab color 65.0979, -45.6006, 34.8970.



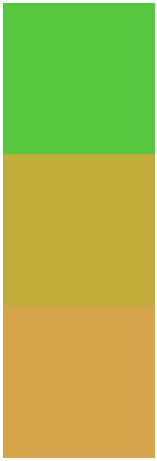
This preview shows how white text looks on a background with the HunterLab color 65.0979,

-45.6006, 34.8970.

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
65.0979, -45.6006, 34.8970

Protanopia
64.4438, -8.3543, 35.8809

Deuteranopia
64.3079, 4.8099, 33.5732

Tritanopia
64.8455, -18.4577, -9.7694

Trichromacy

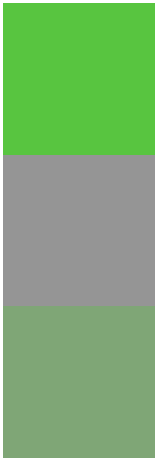
Original Color
65.0979, -45.6006, 34.8970

Protanomaly
63.8363, -24.8599, 34.9299

Deuteranomaly
63.1114, -17.6441, 32.9797

Tritanomaly
64.4984, -31.1523, 12.6741

Monochromacy



Original Color
65.0979, -45.6006, 34.8970

Achromatopsia
54.8219, -2.9252, 2.9786

Achromatomaly
57.5261, -21.0534, 17.4136

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.0979, -45.6006, 34.8970 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(88, 197, 64) looks like.

```
.text, #text, p{
    color:rgb(88, 197, 64)
}
```

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(88, 197, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 197, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 65.0979, -45.6006, 34.8970 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(88, 197, 64) }
```

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

```
.border{ border-color:rgb(88, 197, 64) }
```

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

Here you see how a box with a 4 pixel rgb(88, 197, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(88, 197, 64); -webkit-box-shadow:4px 4px 4px 4px rgb(88, 197, 64); box-shadow:4px 4px 4px 4px rgb(88, 197, 64) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.0979, -45.6006, 34.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(88, 197, 64) }
```

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

```
.background{ background-color:rgb(88, 197,
64) }
```

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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