Converting Colors

HunterLab(64.8607, -46.2867, 32.4194)

Have a look what the booklet for HunterLab(64.8607, -46.2867, 32.4194) contains.

Color

HunterLab(64.8651, -46.2635, 32.3983)

Conversions

Conversions Part 1

Format	Color
Hex	4DC54F
RGB	77, 197, 79
RGB Percent	30%, 77%, 31%
CMY	0.6980, 0.2274, 0.6902
CMYK	0.61, 0.00, 0.60, 0.23
HSL	121°, 51%, 54%
HSV	121°, 61%, 77%
XYZ	24.4381, 42.0748, 14.2304
YIQ	147.6680, -33.6420, -62.1380

Conversions

Conversions Part 2

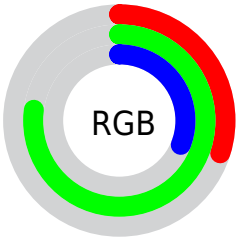
Format	Color
RYB	77, 195, 197
Decimal	5096783
CIELab	70.92, -56.73, 48.37
CIELCh	71, 74.549, 139.546
Yxy	42.0766, 0.3027, 0.5211
Android (android.graphics.Color)	4283286863 (0xFF4DC54F)
YUV	147.6680, -33.8533, -61.9758
Hunter-Lab	64.8651, -46.2635, 32.3983

Details

The HunterLab color 64.8651, -46.2635, 32.3983 is a dark color, and the websafe version is hex 33CC66. The color can be described as dark muted green. A complement of this color would be 45.9553, 57.5894, -37.2863, and the grayscale version is 54.4278, -2.9041, 2.9572.

A 20% lighter version of the original color is 88.6027, -53.8377, 39.0462, and 44.0590, -37.2462, 25.3340 is the 20% darker color. If you saturate the color by 10%, you get 64.1368, -49.6818, 34.7461, and if you desaturate by 10%, it is 65.8393, -41.7807, 29.3488.

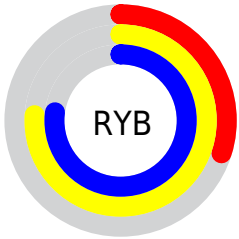
Distribution



Red (30%)

Green (77%)

Blue (31%)



Red (30%)

Yellow (76%)

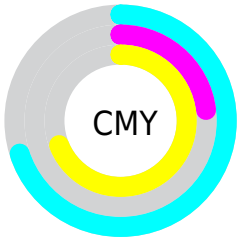
Blue (77%)

Cyan (61%)

Magenta (0%)

Yellow (60%)

Black (23%)



Cyan (70%)

Magenta (23%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8651, -46.2635, 32.3983 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 64.8651, -46.2635, 32.3983 by changing the saturation by 10% instead.

64.8651, -46.2635, 32.3983

64.8651, -46.2635, 32.3983

188.3614, -76.2009, 59.4114

54.0012, -42.3210, 28.8623

88.4960, -53.6221, 39.0195

43.8210, -38.1409, 25.1324

101.1968, -57.0981, 42.1530

34.3758, -33.6554, 21.1683

114.4529, -60.4684, 45.1934

25.7277, -28.7629, 17.2124

128.2422, -63.7490, 48.1546

17.9585, -23.3080, 12.5710

142.5446, -66.9529, 51.0483

11.1819, -19.5683, 7.8273

157.3424,

3.1978, -5.5961,

-70.0906, 53.8840

172.6195, -73.1709, 56.6695

2.2384

0.0000, NaN, NaN

0.0000, NaN, NaN

64.8651, -46.2635, 32.3983

64.1368, -49.6818, 34.7461

63.6346, -52.0636, 36.4078

63.3368, -53.4906, 37.4323

63.1992, -54.1526, 37.9065

64.8651, -46.2635, 32.3983

65.8393, -41.7807, 29.3488

67.0647, -36.2427, 25.6076

68.5467, -29.6976, 21.2089

70.2847, -22.2201, 16.2039

72.2742, -13.9028,

10.6553

74.5078, -4.8478, 4.6317

76.9757, 4.8402, -1.7972

79.6669, 15.0603, -8.5646

82.5691, 25.7192, -15.6088

Harmonies

Analogous

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

64.8665, -24.0115, 39.1284

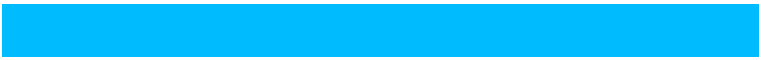
64.8651, -46.2635, 32.3983

64.8665, -56.2494, 13.8772

Triad

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

64.8665, -46.2645, 32.3987



64.8665, -14.9593, -92.8844

64.8665, 70.7743, 21.1512

Complementary

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

64.8651, -46.2635, 32.3983

45.9553, 57.5894, -37.2863

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.

64.8665, 74.6008, -8.8624

64.8651, -46.2635, 32.3983

64.8665, 20.0083, -87.2768

Square

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

64.8665, -46.2645, 32.3987

64.8665, -40.8219, -64.2880

64.8665, 54.4712, -51.5097

64.8665, 44.8981, 35.3539

Rectangle

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

64.8651, -46.2635, 32.3983

64.8665, -56.3664, -7.7104

64.8665, 54.4712, -51.5097

64.8665, 74.8595, 13.0624

Sweetspot

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

64.8665, -46.2645, 32.3987

94.7293, -26.9040, 19.7933

72.1614, -17.9048, 38.3831

43.4797, -13.9124, 10.1361

0.0000, NaN, NaN

46.2646, -2.4686, 2.5136

Same Dimension

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

64.8665, -46.2645, 32.3987

85.5845, -67.6565, 47.3102

65.8606, -40.2137, 17.8889

34.4829, -5.9686, 4.6381

51.2557, -43.9102, 30.7243

11.1578, -9.5261, 6.6177

Inverse Universe

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

45.9553, 57.5894, -37.2863

57.0257, 90.8719, -58.9305

43.5064, 47.1717, -3.6043

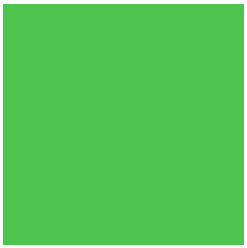
32.8838, 2.5716, -1.1042

32.1907, 63.0638, -40.7188

7.0119, 13.7474, -8.9528

Previews

White Background

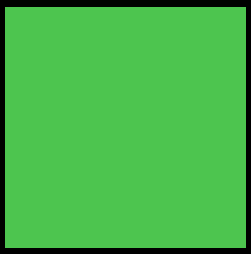


This preview shows how the HunterLab color 64.8651, -46.2635, 32.3983 looks on a white background.

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 64.8651, -46.2635, 32.3983 looks on a black background.

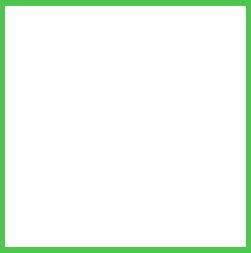
Color Contrast Check

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 64.8651, -46.2635, 32.3983 Background

This preview shows how black text looks on a background with the HunterLab color 64.8651, -46.2635, 32.3983.



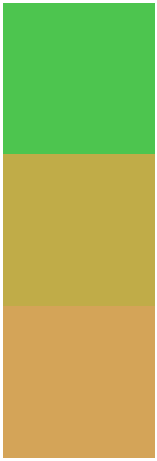
This preview shows how white text looks on a background with the HunterLab color 64.8651,

-46.2635, 32.3983.

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
64.8651, -46.2635, 32.3983

Protanopia
64.1712, -7.5424, 33.7454

Deuteranopia
64.2281, 4.8486, 31.1393

Tritanopia
64.7551, -20.3760, -10.4868

Trichromacy

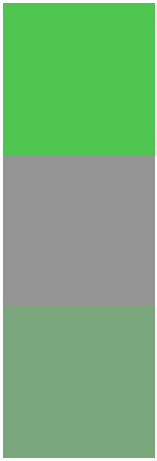
Original Color
64.8651, -46.2635, 32.3983

Protanomaly
63.2770, -25.0587, 32.3151

Deuteranomaly
62.8435, -18.3189, 30.2948

Tritanomaly
64.2093, -31.9761, 9.9629

Monochromacy



Original Color
64.8651, -46.2635, 32.3983

Achromatopsia
54.4186, -2.9036, 2.9567

Achromatomaly
57.3063, -21.6754, 15.5448

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8651, -46.2635, 32.3983 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(77, 197, 79) looks like.

```
.text, #text, p{
    color:rgb(77, 197, 79)
}
```

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(77, 197, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 197, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8651, -46.2635, 32.3983 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(77, 197, 79) }
```

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

```
.border{ border-color:rgb(77, 197, 79) }
```

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

Here you see how a box with a 4 pixel rgb(77, 197, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(77, 197, 79); -webkit-box-shadow:4px 4px 4px 4px rgb(77, 197, 79); box-shadow:4px 4px 4px 4px rgb(77, 197, 79) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8651, -46.2635, 32.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(77, 197, 79) }
```

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

```
.background{ background-color:rgb(77, 197,
79) }
```

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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