

Converting Colors

HunterLab(56.4940, -46.2990,
34.0008)

Have a look what the booklet for
HunterLab(56.4940, -46.2990,
34.0008) contains.

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Color

**HunterLab(56.4940,
-46.2990, 34.0008)**

Conversions

Conversions Part 1

Format	Color
Hex	29B100
RGB	41, 177, 0
RGB Percent	16%, 69%, 0%
CMY	0.8392, 0.3059, 0.9999
CMYK	0.77, 0.00, 1.00, 0.31
HSL	106°, 100%, 35%
HSV	106°, 100%, 69%
XYZ	16.6366, 31.9157, 5.2835
YIQ	116.1580, -24.2390, -83.8790

Conversions

Conversions Part 2

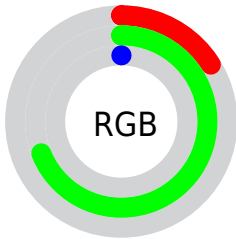
Format	Color
RYB	0, 177, 136
Decimal	2732288
CIELab	63.27, -62.00, 63.73
CIELCh	63, 88.914, 134.215
Yxy	31.9171, 0.3090, 0.5928
Android (android.graphics.Color)	4280922368 (0xFF29B100)
YUV	116.1580, -57.2659, -65.9136
Hunter-Lab	56.4940, -46.2990, 34.0008

Details

The HunterLab color **56.4940, -46.2990, 34.0008** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **29.0013, 60.6079, -66.1083**, and the grayscale version is **42.0741, -2.2450, 2.2860**.

A 20% lighter version of the original color is **79.2043, -54.6621, 42.8654**, and **37.6376, -32.2743, 22.6271** is the 20% darker color. If you saturate the color by 10%, you get **56.4949, -46.3011, 34.0013**, and if you desaturate by 10%, it is **56.8237, -44.8349, 33.6451**.

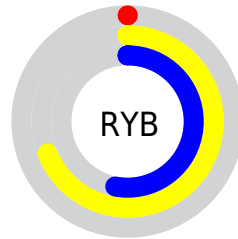
Distribution



Red (16%)

Green (69%)

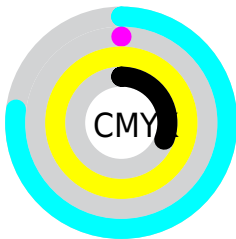
Blue (0%)



Red (0%)

Yellow (69%)

Blue (53%)

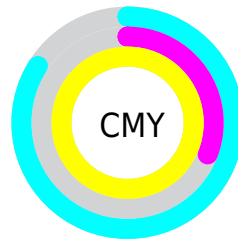


Cyan (77%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (84%)


Magenta (31%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.4940, -46.2990, 34.0008 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 56.4940, -46.2990, 34.0008 by changing the saturation by 10% instead.


 56.4940, -46.2990,
34.0008


 56.4940, -46.2990,
34.0008


176.2785,
-79.3650, 69.0490


 46.1499, -41.8135,
29.2816


 79.1714, -54.5664,
42.7808


 36.5269, -37.0055,
24.3338


 91.4302, -58.4331,
46.8966


 27.6849, -31.7747,
19.3794


 104.2637,
-62.1621, 50.8625

 19.7004, -25.9689,
13.7903

 117.6471,
-65.7752, 54.6986

 12.6778, -22.1861,
8.8744

 131.5586,
-69.2894, 58.4221

 6.0206, -10.5361,
4.2145

 145.9790,

0.0000, NaN, NaN

-72.7185, 62.0472

0.0000, NaN, NaN

160.8909,
-76.0740, 65.5861

0.0000, NaN, NaN

■ 56.4940, -46.2990,
34.0008

■ 56.4940, -46.2990,
34.0008

■ 56.4949, -46.3011,
34.0013

■ 56.8237, -44.8349,
33.6451

■ 57.2763, -42.7952,
32.8643

■ 57.8695, -40.1029,
31.4914

■ 58.6114, -36.7388,
29.4735

■ 59.5068, -32.7044,
26.7837

■ 60.5583, -28.0182,
23.4165

■ 61.7663, -22.7124,
19.3838

■ 63.1296, -16.8293,
14.7112

■ 64.6454, -10.4179,
9.4345

Harmonies

Analogous

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



56.4952, -20.2416, 37.7084



56.4940, -46.2990, 34.0008



56.4952, -58.4946, 19.2135

Triad

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



56.4952, -46.2998, 34.0010



56.4952, -21.9652, -117.2409



56.4952, 89.3491, 17.9098

Complementary

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



56.4940, -46.2990, 34.0008



29.0013, 60.6079, -66.1083

Split Complementary

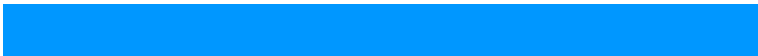
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.4952, 88.5178, -19.9163



56.4940, -46.2990, 34.0008



56.4952, 16.5546, -118.5800

Square

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



56.4952, -46.2998, 34.0010



56.4952, -47.2657, -72.4817



56.4952, 59.2010, -75.4229



56.4952, 61.2344, 33.5985

Rectangle

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



56.4940, -46.2990, 34.0008



56.4952, -59.9487, -2.4098



56.4952, 59.2010, -75.4229



56.4952, 92.6432, 8.0600

Sweetspot

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



56.4952, -46.2998, 34.0010



82.5687, -30.7851, 26.2436



51.8395, 1.8897, 31.9758



38.1191, -15.7267, 13.2900



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



56.4952, -46.2998, 34.0010



75.5490, -62.1953, 45.4641



56.2607, -46.9298, 30.9880



30.9546, -4.7686, 4.3331



48.1117, -39.3067, 28.9581



8.6887, -6.3235, 5.2432

Inverse Universe

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



29.0013, 60.6079, -66.1083



38.6741, 80.9302, -88.9586



33.0974, 61.5313, -16.2390



29.2328, 1.6841, -1.2381



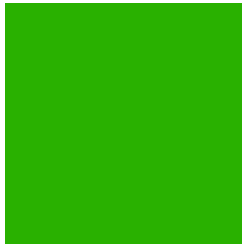
24.7417, 51.6663, -56.0689



4.6570, 9.5291, -9.0359

Previews

White Background



This preview shows how the HunterLab color 56.4940, -46.2990, 34.0008 looks on a white background.

Color Contrast Check

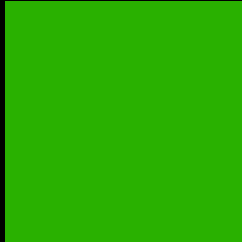
Large Text (above 18pt) WCAG AA × Fail

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 56.4940, -46.2990, 34.0008 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 56.4940, -46.2990, 34.0008 Background



This preview shows how black text looks on a background with the HunterLab color 56.4940, -46.2990, 34.0008.



This preview shows how white text looks on a background with the HunterLab color 56.4940, -46.2990, 34.0008.

-46.2990, 34.0008.

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

56.4940, -46.2990, 34.0008

Protanopia

55.8812, -7.5811, 34.3010

Deuteranopia

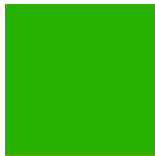
55.8237, 4.0199, 32.5211



Tritanopia

56.5364, -19.8231, -9.6805

Trichromacy



Original Color

56.4940, -46.2990, 34.0008



Protanomaly

54.5663, -26.6082, 33.1577



Deuteranomaly

53.9232, -20.8557, 31.9120



Tritanomaly

55.4952, -34.2260, 16.9056

Monochromacy



Original Color

56.4940, -46.2990, 34.0008



Achromatopsia

41.7908, -2.2299, 2.2706



Achromatomaly

45.6018, -23.2633, 19.2691

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.4940, -46.2990, 34.0008 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(41, 177, 0)` looks like.

```
.text, #text, p{  
    color:rgb(41, 177, 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(41, 177, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 177, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 56.4940, -46.2990, 34.0008 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(41, 177, 0) }
```


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

```
.border{ border-color:rgb(41, 177, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 177, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 177, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 177, 0);  
box-shadow:4px 4px 4px 4px rgb(41, 177, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 56.4940, -46.2990, 34.0008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 177, 0) }
```

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

```
.background{ background-color: rgb(41, 177,  
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](#).

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