

Converting Colors

HunterLab(56.6977, -46.6947,
29.9334)

Have a look what the booklet for
HunterLab(56.6977, -46.6947,
29.9334) contains.

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Color

**HunterLab(56.6977,
-46.6947, 29.9334)**

Conversions

Conversions Part 1

Format	Color
Hex	00B23A
RGB	0, 178, 58
RGB Percent	0%, 70%, 23%
CMY	1.0000, 0.3019, 0.7725
CMYK	1.00, 0.00, 0.67, 0.30
HSL	140°, 100%, 35%
HSV	140°, 100%, 70%
XYZ	16.6841, 32.1463, 9.3285
YIQ	111.0980, -67.5680, -75.0560

Conversions

Conversions Part 2

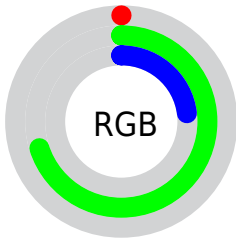
Format	Color
RYB	0, 134, 178
Decimal	45626
CIELab	63.46, -62.56, 48.84
CIELCh	63, 79.364, 142.022
Yxy	32.1476, 0.2869, 0.5527
Android (android.graphics.Color)	4278235706 (0xFF00B23A)
YUV	111.0980, -26.1773, -97.4329
Hunter-Lab	56.6977, -46.6947, 29.9334

Details

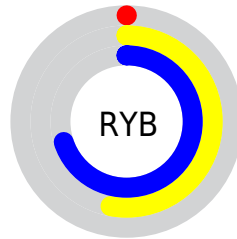
The HunterLab color **56.6977, -46.6947, 29.9334** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **32.8963, 60.4575, -10.7000**, and the grayscale version is **40.0245, -2.1356, 2.1746**.

A 20% lighter version of the original color is **79.3708, -55.0205, 36.7106**, and **37.9675, -32.5571, 22.8254** is the 20% darker color. If you saturate the color by 10%, you get **56.6988, -46.6957, 29.9341**, and if you desaturate by 10%, it is **56.9307, -45.4727, 28.2492**.

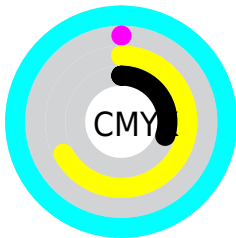
Distribution



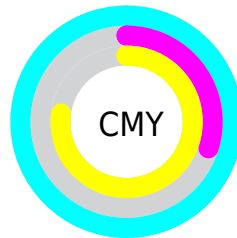
- Red (0%)
- Green (70%)
- Blue (23%)



- Red (0%)
- Yellow (53%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (30%)





- Cyan (100%)
- Magenta (30%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.6977, -46.6947, 29.9334 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 56.6977, -46.6947, 29.9334 by changing the saturation by 10% instead.


 56.6977, -46.6947,
29.9334


 56.6977, -46.6947,
29.9334


176.5761,
-79.9980, 57.7500


 46.3403, -42.1756,
26.2242


 79.3993, -55.0234,
36.8263


 36.7030, -37.3322,
22.2897


 91.6693, -58.9185,
40.0676


 27.8456, -32.0638,
18.1729


 104.5135,
-62.6746, 43.2017

 19.8439, -26.2184,
13.8907

 117.9071,
-66.3136, 46.2452

 12.8017, -22.4029,
8.9612

 131.8285,
-69.8528, 49.2116

 6.1932, -10.8382,
4.3353

 146.2584,

0.0000, NaN, NaN

-73.3060, 52.1120

0.0000, NaN, NaN

161.1795,
-76.6845, 54.9556

0.0000, NaN, NaN

■ 56.6977, -46.6947,
29.9334

■ 56.6977, -46.6947,
29.9334

■ 56.6988, -46.6957,
29.9341

■ 56.9307, -45.4727,
28.2492

■ 57.2882, -43.6769,
26.2736

■ 57.8085, -41.1654,
24.0385

■ 58.5066, -37.9002,
21.5683

■ 59.3922, -33.8740,
18.8925

■ 60.4713, -29.1044,
16.0441

■ 61.7460, -23.6298,
13.0584

■ 63.2157, -17.5038,
9.9709

■ 64.8772, -10.7902,
6.8158

Harmonies

Analogous

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



56.6989, -25.9857, 36.0563



56.6977, -46.6947, 29.9334



56.6989, -55.2152, 11.2238

Triad

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



56.6989, -46.6954, 29.9337



56.6989, -12.0136, -102.9531



56.6989, 73.2282, 22.1318

Complementary

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



56.6977, -46.6947, 29.9334



32.8963, 60.4575, -10.7000

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.



56.6989, 79.5485, -6.4708



56.6977, -46.6947, 29.9334



56.6989, 24.2858, -93.2152

Square

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



56.6989, -46.6954, 29.9337



56.6989, -38.5873, -73.4314



56.6989, 59.8920, -51.6658



56.6989, 44.2642, 33.8162

Rectangle

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



56.6977, -46.6947, 29.9334



56.6989, -54.7269, -11.8255



56.6989, 59.8920, -51.6658



56.6989, 78.3127, 14.8010

Sweetspot

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



56.6989, -46.6954, 29.9337



83.0519, -32.2276, 17.7984



59.9610, -33.7954, 36.3559



38.7425, -16.6593, 9.1743



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



56.6989, -46.6954, 29.9337



76.3268, -63.0349, 40.6724



58.2219, -37.3197, 7.7905



30.8776, -4.9019, 3.1361



47.9703, -39.4301, 25.1596



8.5735, -6.5935, 3.5175

Inverse Universe

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



32.8963, 60.4575, -10.7000



44.2486, 81.2352, -13.7181



30.9407, 53.3343, 17.2926



29.3235, 1.8251, 0.1533



27.8470, 51.2159, -9.3476



5.0414, 9.4482, -3.0575

Previews

White Background



This preview shows how the HunterLab color 56.6977, -46.6947, 29.9334 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 56.6977, -46.6947, 29.9334 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 56.6977, -46.6947, 29.9334 Background



This preview shows how black text looks on a background with the HunterLab color 56.6977, -46.6947, 29.9334.



This preview shows how white text looks on a background with the HunterLab color 56.6977, -46.6947, 29.9334.

-46.6947, 29.9334.

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

56.6977, -46.6947, 29.9334

Protanopia

56.2845, -7.2145, 31.2567

Deuteranopia

56.1242, 4.1479, 28.7083



Tritanopia

56.5203, -21.3875, -10.8429

Trichromacy



Original Color

56.6977, -46.6947, 29.9334



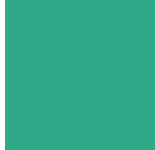
Protanomaly

54.1832, -29.2860, 29.0558



Deuteranomaly

53.3748, -23.9893, 26.9141



Tritanomaly

55.7744, -33.7722, 9.0160

Monochromacy



Original Color

56.6977, -46.6947, 29.9334



Achromatopsia

39.8699, -2.1274, 2.1662



Achromatomaly

44.0911, -23.7432, 13.1375

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.6977, -46.6947, 29.9334 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(0, 178, 58)` looks like.

```
.text, #text, p{  
    color:rgb(0, 178, 58)  
}
```

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(0, 178, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 178, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 56.6977, -46.6947, 29.9334 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(0, 178, 58) }
```


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

```
.border{ border-color:rgb(0, 178, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 178, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 178, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 178, 58);  
box-shadow:4px 4px 4px 4px rgb(0, 178, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 56.6977, -46.6947, 29.9334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 178, 58) }
```

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

```
.background{ background-color: rgb(0, 178,  
58) }
```

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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