

Converting Colors

HunterLab(50.3632, -29.4374,
23.7351)

Have a look what the booklet for
HunterLab(50.3632, -29.4374,
23.7351) contains.

HunterLab(50.2985, -29.3916, 23.6490)	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(50.2985,
-29.3916, 23.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	589946
RGB	88, 153, 70
RGB Percent	35%, 60%, 27%
CMY	0.6549, 0.4000, 0.7255
CMYK	0.42, 0.00, 0.54, 0.40
HSL	107°, 37%, 44%
HSV	107°, 54%, 60%
XYZ	16.5212, 25.2994, 9.8069
YIQ	124.1030, -12.0970, -39.5930

Conversions

Conversions Part 2

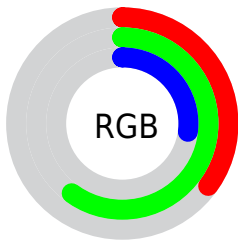
Format	Color
RYB	70, 153, 135
Decimal	5806406
CIELab	57.37, -37.19, 36.84
CIELCh	57, 52.350, 135.269
Yxy	25.3005, 0.3200, 0.4900
Android (android.graphics.Color)	4283996486 (0xFF589946)
YUV	124.1030, -26.6728, -31.6623
Hunter-Lab	50.2985, -29.3916, 23.6490

Details

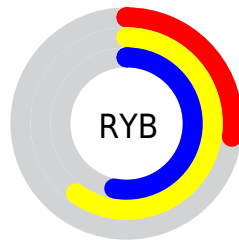
The HunterLab color $50.2985, -29.3916, 23.6490$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $34.3976, 32.8635, -30.1776$, and the grayscale version is $45.0403, -2.4032, 2.4471$.

A 20% lighter version of the original color is $72.2624, -34.8128, 29.3389$, and $31.1474, -23.2822, 17.4348$ is the 20% darker color. If you saturate the color by 10%, you get $49.5921, -32.5936, 25.7112$, and if you desaturate by 10%, it is $51.1396, -25.6291, 21.0260$.

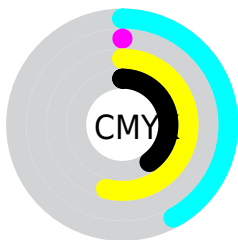
Distribution



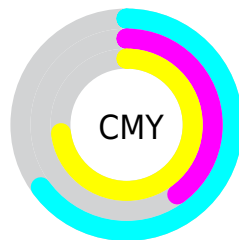
- Red (35%)
- Green (60%)
- Blue (27%)



- Red (27%)
- Yellow (60%)
- Blue (53%)



- Cyan (42%)
- Magenta (0%)
- Yellow (54%)
- Black (40%)



- Cyan (65%)
- Magenta (40%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.2985, -29.3916, 23.6490 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 50.2985, -29.3916, 23.6490 by changing the saturation by 10% instead.

■ 50.2985, -29.3916,
23.6490

■ 50.2985, -29.3916,
23.6490

167.1320,
-51.5232, 46.1395

■ 40.3746, -26.5004,
20.6737

■ 72.2110, -34.7795,
29.1714

■ 31.2049, -23.4172,
17.5010

■ 84.1174, -37.3301,
31.7743

■ 22.8587, -20.0688,
14.1257

■ 96.6147, -39.8102,
34.2980

■ 15.4273, -16.3305,
10.7991

■ 109.6760,
-42.2329, 36.7571

■ 9.0309, -15.8041,
6.3216

■ 123.2780,
-44.6082, 39.1625

0.0000, NaN, NaN

0.0000, NaN, NaN

137.4000,

-46.9443, 41.5235

0.0000, NaN, NaN

152.0236,
-49.2475, 43.8471

0.0000, NaN, NaN

■ 50.2985, -29.3916,
23.6490

■ 50.2985, -29.3916,
23.6490

■ 49.5921, -32.5936,
25.7112

■ 51.1396, -25.6291,
21.0260

■ 49.0141, -35.2217,
27.2214

■ 52.1132, -21.3266,
17.8468

■ 48.5606, -37.2816,
28.2083

■ 53.2198, -16.5182,
14.1299

■ 48.2238, -38.7975,
28.7253

■ 54.4575, -11.2438,
9.9026

■ 48.0726, -39.4780,
28.9310

■ 55.8233, -5.5476,
5.1992

■ 57.3132, 0.5244,
0.0582

■ 58.9228, 6.9264,
-5.4800

■ 60.6469, 13.6147,
-11.3750

■ 62.4803, 20.5483,
-17.5874

Harmonies

Analogous

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



50.2996, -13.3682, 28.1691



50.2985, -29.3916, 23.6490



50.2996, -37.4621, 11.9482

Triad

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



50.2996, -29.3925, 23.6493



50.2996, -13.0156, -53.9400



50.2996, 45.0744, 12.2401

Complementary

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



50.2985, -29.3916, 23.6490



34.3976, 32.8635, -30.1776

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.



50.2996, 45.2131, -8.6299



50.2985, -29.3916, 23.6490



50.2996, 8.9682, -53.7478

Square

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



50.2996, -29.3925, 23.6493



50.2996, -29.1729, -35.1489



50.2996, 31.1010, -34.7011



50.2996, 30.7495, 23.7834

Rectangle

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



50.2985, -29.3916, 23.6490



50.2996, -38.3136, -1.1070



50.2996, 31.1010, -34.7011



50.2996, 46.8535, 6.3014

Sweetspot

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



50.2996, -29.3925, 23.6493



72.5187, -16.5547, 14.4756



49.1576, -3.5328, 23.2397



33.9288, -8.4071, 7.3087



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



50.2996, -29.3925, 23.6493



66.1932, -44.3956, 34.8775



49.8606, -30.4939, 18.1129



26.4329, -4.0434, 3.6429



43.7168, -35.8278, 26.3109



5.4712, -3.8535, 3.3039

Inverse Universe

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



34.3976, 32.8635, -30.1776



41.3449, 53.8365, -50.9785



35.7608, 34.3318, -12.8874



25.0121, 1.4039, -0.9879



22.8155, 47.4033, -49.8384



3.0472, 6.1509, -5.2600

Previews

White Background



This preview shows how the HunterLab color 50.2985, -29.3916, 23.6490 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 50.2985, -29.3916, 23.6490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

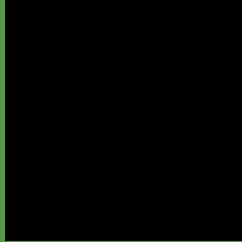
Any Text WCAG AA ✓ Pass

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 50.2985, -29.3916, 23.6490 Background



This preview shows how black text looks on a background with the HunterLab color 50.2985, -29.3916, 23.6490.



This preview shows how white text looks on a background with the HunterLab color 50.2985,

-29.3916, 23.6490.

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

50.2985, -29.3916, 23.6490

Protanopia

49.9483, -5.7554, 24.7408

Deuteranopia

49.9699, 3.1323, 22.7333



Tritanopia

50.1963, -11.4484, -5.8980

Trichromacy



Original Color

50.2985, -29.3916, 23.6490

Protanomaly

49.7165, -15.5958, 24.0293

Deuteranomaly

49.3588, -10.6153, 22.4468

Tritanomaly

49.9193, -19.0300, 7.7785

Monochromacy



Original Color

50.2985, -29.3916, 23.6490

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

46.5907, -13.6511, 11.8035

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.2985, -29.3916, 23.6490 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, 153, 70)` looks like.

```
.text, #text, p{  
    color:rgb(88, 153, 70)  
}
```

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, 153, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 153, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 50.2985, -29.3916, 23.6490 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, 153, 70) }
```


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

```
.border{ border-color:rgb(88, 153, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 153, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 153, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 153, 70);  
box-shadow:4px 4px 4px 4px rgb(88, 153,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.2985, -29.3916, 23.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 153, 70) }
```

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

```
.background{ background-color: rgb(88, 153,  
70) }
```

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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