

Converting Colors

HunterLab(56.1100, -38.3572,
27.9546)

Have a look what the booklet for
HunterLab(56.1100, -38.3572,
27.9546) contains.

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Color

**HunterLab(56.0992,
-38.3317, 27.9466)**

Conversions

Conversions Part 1

Format	Color
Hex	4CAC45
RGB	76, 172, 69
RGB Percent	30%, 67%, 27%
CMY	0.7020, 0.3255, 0.7294
CMYK	0.56, 0.00, 0.60, 0.33
HSL	116°, 43%, 47%
HSV	116°, 60%, 67%
XYZ	18.8072, 31.4712, 10.7135
YIQ	131.5540, -24.1530, -52.3850

Conversions

Conversions Part 2

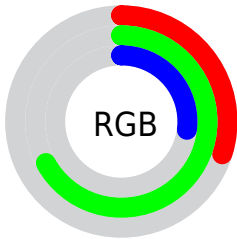
Format	Color
RYB	69, 172, 165
Decimal	5024837
CIELab	62.90, -48.74, 43.71
CIELCh	63, 65.468, 138.116
Yxy	31.4725, 0.3084, 0.5160
Android (android.graphics.Color)	4283214917 (0xFF4CAC45)
YUV	131.5540, -30.8391, -48.7209
Hunter-Lab	56.0992, -38.3317, 27.9466

Details

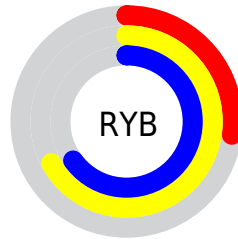
The HunterLab color **56.0992, -38.3317, 27.9466** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **39.0323, 46.4482, -34.4240**, and the grayscale version is **47.9850, -2.5604, 2.6071**.

A 20% lighter version of the original color is **78.6472, -44.8786, 34.0394**, and **36.3705, -30.8492, 21.1345** is the 20% darker color. If you saturate the color by 10%, you get **55.4185, -41.4851, 29.9715**, and if you desaturate by 10%, it is **56.9723, -34.3516, 25.2977**.

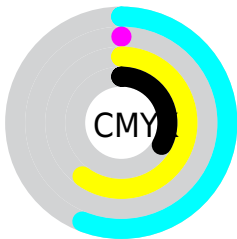
Distribution



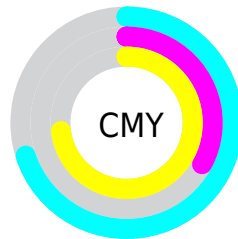
- Red (30%)
- Green (67%)
- Blue (27%)



- Red (27%)
- Yellow (67%)
- Blue (65%)



- Cyan (56%)
- Magenta (0%)
- Yellow (60%)
- Black (33%)



- Cyan (70%)
- Magenta (33%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.0992, -38.3317, 27.9466 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 56.0992, -38.3317, 27.9466 by changing the saturation by 10% instead.

■ 56.0992, -38.3317,
27.9466

■ 56.0992, -38.3317,
27.9466

175.7013,
-65.3357, 53.3543

■ 45.7809, -34.7526,
24.5828

■ 78.7294, -44.9806,
34.2058

■ 36.1856, -30.9358,
21.0121

■ 90.9666, -48.1139,
37.1559

■ 27.3739, -26.8027,
17.1895

■ 103.7792,
-51.1501, 40.0136

■ 19.4229, -22.2285,
13.5960

■ 117.1427,
-54.1053, 42.7940

■ 12.4383, -19.3559,
8.7068

■ 131.0351,
-56.9922, 45.5092

■ 5.6705, -9.9234,
3.9694

145.4370,

0.0000, NaN, NaN

-59.8209, 48.1692

0.0000, NaN, NaN

160.3310,
-62.5998, 50.7820

0.0000, NaN, NaN

■ 56.0992, -38.3317,
27.9466

■ 56.0992, -38.3317,
27.9466

■ 55.4185, -41.4851,
29.9715

■ 56.9723, -34.3516,
25.2977

■ 54.9176, -43.8188,
31.3894

■ 58.0395, -29.5603,
22.0290

■ 54.5835, -45.3762,
32.2456

■ 59.3037, -24.0000,
18.1647

■ 54.3912, -46.2725,
32.6992

■ 60.7636, -17.7286,
13.7428

■ 54.3895, -46.2803,
32.7044

■ 62.4154, -10.8158,
8.8114

■ 64.2534, -3.3367,
3.4243

■ 66.2704, 4.6325,
-2.3628

■ 68.4583, 13.0179,
-8.4953

■ 70.8081, 21.7514,
-14.9215

Harmonies

Analogous

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



56.1004, -19.0843, 33.4839



56.0992, -38.3317, 27.9466



56.1004, -47.2868, 12.7892

Triad

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



56.1004, -38.3326, 27.9469



56.1004, -13.8725, -75.9877



56.1004, 59.3829, 17.0000

Complementary

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



56.0992, -38.3317, 27.9466



39.0323, 46.4482, -34.4240

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.



56.1004, 61.5569, -8.8160



56.0992, -38.3317, 27.9466



56.1004, 15.1374, -72.8340

Square

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



56.1004, -38.3326, 27.9469



56.1004, -35.1779, -51.4846



56.1004, 44.0684, -44.2697



56.1004, 38.6168, 29.6993

Rectangle

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



56.0992, -38.3317, 27.9466



56.1004, -47.6992, -4.8406



56.1004, 44.0684, -44.2697



56.1004, 62.4449, 9.9450

Sweetspot

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



56.1004, -38.3326, 27.9469



82.1713, -22.4798, 17.5168



59.6192, -10.7407, 30.9495



38.0296, -11.6537, 8.9991



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



56.1004, -38.3326, 27.9469



74.3854, -57.0683, 41.1081



56.5152, -35.3293, 18.1486



29.9406, -4.9815, 4.0777



46.9282, -39.8797, 28.2188



7.8795, -6.4285, 4.7428

Inverse Universe

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



39.0323, 46.4482, -34.4240



48.1139, 74.7369, -56.2969



38.2294, 41.0054, -7.9825



28.4956, 2.0158, -1.0335



27.9497, 55.7949, -43.4132



4.7476, 9.4291, -7.0001

Previews

White Background



This preview shows how the HunterLab color 56.0992, -38.3317, 27.9466 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 56.0992, -38.3317, 27.9466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

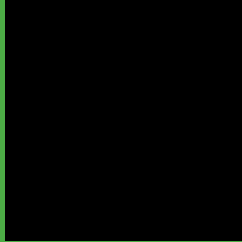
Any Text WCAG AA ✓ Pass

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 56.0992, -38.3317, 27.9466 Background



This preview shows how black text looks on a background with the HunterLab color 56.0992, -38.3317, 27.9466.



This preview shows how white text looks on a background with the HunterLab color 56.0992,

-38.3317, 27.9466.

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

56.0992, -38.3317, 27.9466

Protanopia

55.5130, -6.7538, 29.0660

Deuteranopia

55.6071, 4.0041, 26.8487



Tritanopia

55.8555, -16.1583, -8.3717

Trichromacy



Original Color

56.0992, -38.3317, 27.9466



Protanomaly

55.0716, -20.7121, 28.1882



Deuteranomaly

54.5129, -14.6965, 26.2870



Tritanomaly

55.5985, -25.9808, 8.9657

Monochromacy



Original Color

56.0992, -38.3317, 27.9466



Achromatopsia

48.0354, -2.5630, 2.6099



Achromatomaly

50.4146, -17.8513, 13.7377

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.0992, -38.3317, 27.9466 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(76, 172, 69)` looks like.

```
.text, #text, p{  
    color:rgb(76, 172, 69)  
}
```

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(76, 172, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 172, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 56.0992, -38.3317, 27.9466 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(76, 172, 69) }
```


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

```
.border{ border-color:rgb(76, 172, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 172, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 172, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 172, 69);  
box-shadow:4px 4px 4px 4px rgb(76, 172,  
69) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.0992, -38.3317, 27.9466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 172, 69) }
```

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

```
.background{ background-color: rgb(76, 172,  
69) }
```

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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