

Converting Colors

HunterLab(56.4422, -37.9825,
16.0555)

Have a look what the booklet for
HunterLab(56.4422, -37.9825,
16.0555) contains.

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Color

**HunterLab(56.6141,
-38.1584, 16.2676)**

Conversions

Conversions Part 1

Format	Color
Hex	29AE76
RGB	41, 174, 118
RGB Percent	16%, 68%, 46%
CMY	0.8392, 0.3176, 0.5372
CMYK	0.76, 0.00, 0.32, 0.32
HSL	155°, 62%, 42%
HSV	155°, 76%, 68%
XYZ	19.3206, 32.0516, 22.3079
YIQ	127.8490, -61.2920, -45.6120

Conversions

Conversions Part 2

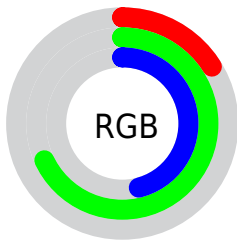
Format	Color
RYB	41, 125, 174
Decimal	2731638
CIELab	63.39, -48.19, 18.97
CIELCh	63, 51.789, 158.515
Yxy	32.0528, 0.2622, 0.4350
Android (android.graphics.Color)	4280921718 (0xFF29AE76)
YUV	127.8490, -4.8556, -76.1666
Hunter-Lab	56.6141, -38.1584, 16.2676

Details

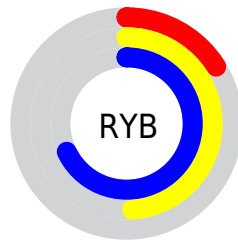
The HunterLab color **56.6141, -38.1584, 16.2676** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **33.8355, 48.4471, 1.8777**, and the grayscale version is **46.4386, -2.4778, 2.5231**.

A 20% lighter version of the original color is **79.1339, -44.6125, 19.4873**, and **37.2325, -27.8070, 13.4900** is the 20% darker color. If you saturate the color by 10%, you get **56.2167, -40.0971, 18.1761**, and if you desaturate by 10%, it is **57.1613, -35.6165, 14.3600**.

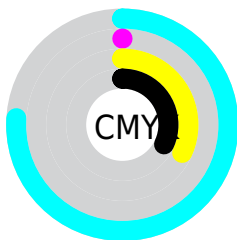
Distribution



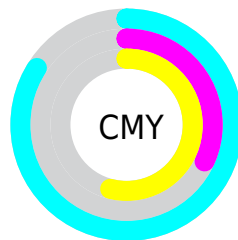
- Red (16%)
- Green (68%)
- Blue (46%)



- Red (16%)
- Yellow (49%)
- Blue (68%)



- Cyan (76%)
- Magenta (0%)
- Yellow (32%)
- Black (32%)



- Cyan (84%)
- Magenta (32%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.6141, -38.1584, 16.2676 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 56.6141, -38.1584, 16.2676 by changing the saturation by 10% instead.

■ 56.6141, -38.1584,
16.2676

■ 56.6141, -38.1584,
16.2676

176.4539,
-64.8769, 30.3898

■ 46.2621, -34.6260,
14.5905

■ 79.3057, -44.7265,
19.5057

■ 36.6307, -30.8630,
12.8518

■ 91.5712, -47.8247,
21.0870

■ 27.7796, -26.7929,
11.0253

■ 104.4109,
-50.8283, 22.6527

■ 19.7849, -22.2952,
9.0686

■ 117.8004,
-53.7530, 24.2079

■ 12.7507, -19.0638,
7.5886

■ 131.7177,
-56.6111, 25.7565

■ 6.1230, -10.7152,
4.2861

146.1437,

0.0000, NaN, NaN

-59.4126, 27.3015

0.0000, NaN, NaN

161.0610,
-62.1656, 28.8452

0.0000, NaN, NaN

■ 56.6141, -38.1584,
16.2676

■ 56.6141, -38.1584,
16.2676

■ 56.2167, -40.0971,
18.1761

■ 57.1613, -35.6165,
14.3600

■ 55.9460, -41.4962,
20.0509

■ 57.8669, -32.4434,
12.4810

■ 55.8639, -41.9318,
20.6937

■ 58.7402, -28.6364,
10.6580

■ 59.7859, -24.2115,
8.9151

■ 61.0060, -19.2002,
7.2732

■ 62.3998, -13.6455,
5.7495

■ 63.9647, -7.5979,
4.3570

■ 65.6966, -1.1123,
3.1049

■ 67.5900, 5.7556,
1.9985

Harmonies

Analogous

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



56.6152, -27.7031, 26.8811



56.6141, -38.1584, 16.2676



56.6152, -40.0216, -3.4121

Triad

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



56.6152, -38.1589, 16.2681



56.6152, 3.5798, -55.2167



56.6152, 35.3008, 23.3076

Complementary

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



56.6141, -38.1584, 16.2676



33.8355, 48.4471, 1.8777

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.



56.6152, 46.8858, 8.8872



56.6141, -38.1584, 16.2676



56.6152, 26.7747, -39.9383

Square

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



56.6152, -38.1589, 16.2681



56.6152, -18.1279, -50.7099



56.6152, 43.5417, -14.3160



56.6152, 13.8510, 29.6895

Rectangle

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



56.6141, -38.1584, 16.2676



56.6152, -36.4752, -20.5170



56.6152, 43.5417, -14.3160



56.6152, 40.6201, 19.5253

Sweetspot

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



56.6152, -38.1589, 16.2681



82.7058, -23.6682, 9.1565



57.5028, -36.5498, 32.6296



38.6914, -12.3675, 4.6712



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.



56.6152, -38.1589, 16.2681



75.4361, -55.4167, 26.3049



55.2152, -25.3927, -9.4225



30.0236, -4.4345, 2.2422



47.5882, -35.6323, 17.4389



8.0038, -5.5339, 1.9421

Inverse Universe

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



33.8355, 48.4471, 1.8777



42.1931, 72.0607, 8.0722



33.8073, 41.1116, 17.8718



28.4064, 1.4385, 1.0003



26.2481, 46.3328, 6.2466



4.5027, 8.1814, -0.7362

Previews

White Background



This preview shows how the HunterLab color 56.6141, -38.1584, 16.2676 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 56.6141, -38.1584, 16.2676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

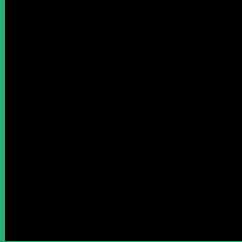
Any Text WCAG AA ✓ Pass

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 56.6141, -38.1584, 16.2676 Background



This preview shows how black text looks on a background with the HunterLab color 56.6141, -38.1584, 16.2676.



This preview shows how white text looks on a background with the HunterLab color 56.6141, -38.1584, 16.2676.

-38.1584, 16.2676.

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

56.6141, -38.1584, 16.2676

Protanopia

56.0640, -5.0004, 19.4551

Deuteranopia

56.0001, 4.1540, 14.3907



Tritanopia

56.4534, -21.6422, -10.9423

Trichromacy



Original Color

56.6141, -38.1584, 16.2676



Protanomaly

54.9849, -21.2227, 16.9805



Deuteranomaly

54.5631, -15.9781, 13.3343



Tritanomaly

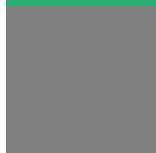
56.3383, -28.6429, 0.6445

Monochromacy



Original Color

56.6141, -38.1584, 16.2676



Achromatopsia

46.4608, -2.4790, 2.5243



Achromatomaly

49.1862, -18.6211, 6.9964

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.6141, -38.1584, 16.2676 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, 174, 118)` looks like.

```
.text, #text, p{  
    color:rgb(41, 174, 118)  
}
```

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, 174, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 174, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 56.6141, -38.1584, 16.2676 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, 174, 118) }
```


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

```
.border{ border-color:rgb(41, 174, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 174, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 174, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 174, 118);  
box-shadow:4px 4px 4px 4px rgb(41, 174,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.6141, -38.1584, 16.2676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 174, 118) }
```

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

```
.background{ background-color: rgb(41, 174,  
118) }
```

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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