

Converting Colors

HunterLab(56.1615, -37.7648,
28.3223)

Have a look what the booklet for
HunterLab(56.1615, -37.7648,
28.3223) contains.

HunterLab(56.2279, -37.8472, 28.3854)	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(56.2279,
-37.8472, 28.3854)**

Conversions

Conversions Part 1

Format	Color
Hex	50AC43
RGB	80, 172, 67
RGB Percent	31%, 67%, 26%
CMY	0.6863, 0.3255, 0.7372
CMYK	0.53, 0.00, 0.61, 0.33
HSL	113°, 44%, 47%
HSV	113°, 61%, 67%
XYZ	19.0739, 31.6158, 10.4074
YIQ	132.5220, -21.1270, -52.1590

Conversions

Conversions Part 2

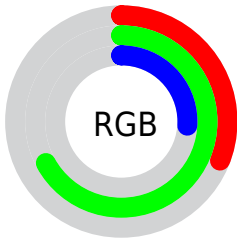
Format	Color
RYB	67, 172, 159
Decimal	5286979
CIELab	63.03, -47.89, 44.80
CIElCh	63, 65.581, 136.907
Yxy	31.6171, 0.3122, 0.5175
Android (android.graphics.Color)	4283477059 (0xFF50AC43)
YUV	132.5220, -32.3023, -46.0618
Hunter-Lab	56.2279, -37.8472, 28.3854

Details

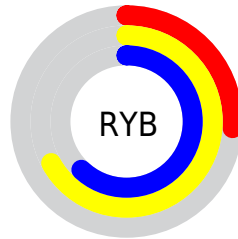
The HunterLab color **56.2279, -37.8472, 28.3854** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **37.9011, 45.5426, -36.9063**, and the grayscale version is **48.3721, -2.5810, 2.6281**.

A 20% lighter version of the original color is **78.8271, -44.2225, 34.6715**, and **36.4184, -30.6731, 21.3884** is the 20% darker color. If you saturate the color by 10%, you get **55.5485, -40.9754, 30.3142**, and if you desaturate by 10%, it is **57.0845, -33.9564, 25.8257**.

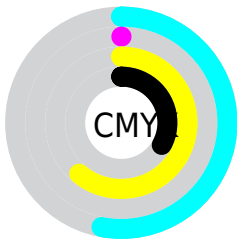
Distribution



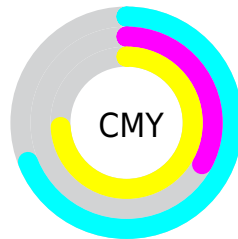
- Red (31%)
- Green (67%)
- Blue (26%)



- Red (26%)
- Yellow (67%)
- Blue (62%)



- Cyan (53%)
- Magenta (0%)
- Yellow (61%)
- Black (33%)



- Cyan (69%)
- Magenta (33%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.2279, -37.8472, 28.3854 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 56.2279, -37.8472, 28.3854 by changing the saturation by 10% instead.

■ 56.2279, -37.8472,
28.3854

■ 56.2279, -37.8472,
28.3854

175.8895,
-64.4570, 54.3066

■ 45.9012, -34.3283,
24.9475

■ 78.8735, -44.3897,
34.7800

■ 36.2968, -30.5781,
21.2984

■ 91.1178, -47.4752,
37.7922

■ 27.4752, -26.5198,
17.4017

■ 103.9372,
-50.4664, 40.7088

■ 19.5133, -22.0318,
13.6593

■ 117.3072,
-53.3789, 43.5453

■ 12.5163, -19.0301,
8.7614

■ 131.2058,
-56.2252, 46.3140

■ 5.7871, -10.1274,
4.0510

145.6137,

0.0000, NaN, NaN

-59.0151, 49.0251

0.0000, NaN, NaN

160.5136,
-61.7569, 51.6870

0.0000, NaN, NaN

■ 56.2279, -37.8472,
28.3854

■ 56.2279, -37.8472,
28.3854

■ 55.5485, -40.9754,
30.3142

■ 57.0845, -33.9564,
25.8257

■ 55.0349, -43.3448,
31.6346

■ 58.1189, -29.3172,
22.6332

■ 54.6769, -44.9906,
32.3975

■ 59.3337, -23.9669,
18.8259

■ 54.4692, -45.9401,
32.7594

■ 60.7278, -17.9563,
14.4358

■ 62.2979, -11.3461,
9.5051

■ 64.0392, -4.2021,
4.0829

■ 65.9455, 3.4082,
-1.7789

■ 68.0097, 11.4195,
-8.0281

■ 70.2241, 19.7701,
-14.6142

Harmonies

Analogous

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



56.2291, -18.1468, 33.6610



56.2279, -37.8472, 28.3854



56.2291, -47.2364, 13.6872

Triad

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



56.2291, -37.8481, 28.3857



56.2291, -14.9491, -75.6667



56.2291, 60.0235, 16.2698

Complementary

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



56.2279, -37.8472, 28.3854



37.9011, 45.5426, -36.9063

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.



56.2291, 61.3580, -10.1552



56.2279, -37.8472, 28.3854



56.2291, 13.9347, -73.7301

Square

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



56.2291, -37.8481, 28.3857



56.2291, -35.9130, -50.2451



56.2291, 43.1557, -45.8154



56.2291, 39.8094, 29.4596

Rectangle

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



56.2279, -37.8472, 28.3854



56.2291, -47.9150, -3.6143



56.2291, 43.1557, -45.8154



56.2291, 62.8187, 9.0060

Sweetspot

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



56.2291, -37.8481, 28.3857



82.3453, -21.8370, 17.7044



57.9924, -8.3632, 30.1587



38.1203, -11.3160, 9.0946



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.



56.2291, -37.8481, 28.3857



74.5670, -56.3407, 41.4972



56.3294, -36.3278, 19.8638



29.9751, -4.8574, 4.1177



47.0014, -39.5672, 28.2693



7.9318, -6.2076, 4.7789

Inverse Universe

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



37.9011, 45.5426, -36.9063



46.4242, 72.9083, -60.5459



38.0698, 42.5781, -10.6399



28.4553, 1.8806, -1.0871



26.6611, 53.9715, -47.2170



4.5993, 9.2170, -7.4205

Previews

White Background



This preview shows how the HunterLab color 56.2279, -37.8472, 28.3854 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 56.2279, -37.8472, 28.3854 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 56.2279, -37.8472, 28.3854 Background



This preview shows how black text looks on a background with the HunterLab color 56.2279, -37.8472, 28.3854.



This preview shows how white text looks on a background with the HunterLab color 56.2279, -37.8472, 28.3854.

-37.8472, 28.3854.

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

56.2279, -37.8472, 28.3854

Protanopia

55.8824, -6.9741, 29.6283

Deuteranopia

55.6950, 4.2488, 27.3071



Tritanopia

56.0094, -15.5877, -8.1501

Trichromacy



Original Color

56.2279, -37.8472, 28.3854

Protanomaly

55.2028, -20.2553, 28.6103

Deuteranomaly

54.6580, -14.2098, 26.7808

Tritanomaly

55.7129, -25.5872, 9.4887

Monochromacy



Original Color

56.2279, -37.8472, 28.3854

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

50.5460, -17.3554, 13.8715

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.2279, -37.8472, 28.3854 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(80, 172, 67)` looks like.

```
.text, #text, p{  
    color:rgb(80, 172, 67)  
}
```

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(80, 172, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 172, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 56.2279, -37.8472, 28.3854 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(80, 172, 67) }
```


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

```
.border{ border-color:rgb(80, 172, 67) }
```

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

Here you see how a box with a 4 pixel rgb(80, 172, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 172, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 172, 67);  
box-shadow:4px 4px 4px 4px rgb(80, 172,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.2279, -37.8472, 28.3854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 172, 67) }
```

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

```
.background{ background-color: rgb(80, 172,  
67) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor