

Converting Colors

HunterLab(56.3340, -43.8442,
24.2345)

Have a look what the booklet for
HunterLab(56.3340, -43.8442,
24.2345) contains.

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Color

**HunterLab(56.3518,
-43.8580, 24.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	00B058
RGB	0, 176, 88
RGB Percent	0%, 69%, 35%
CMY	1.0000, 0.3098, 0.6549
CMYK	1.00, 0.00, 0.50, 0.31
HSL	150°, 100%, 35%
HSV	150°, 100%, 69%
XYZ	17.2868, 31.7553, 14.4508
YIQ	113.3440, -76.6480, -64.6800

Conversions

Conversions Part 2

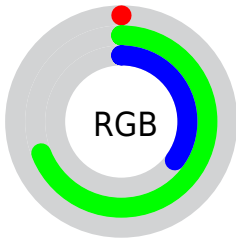
Format	Color
RYB	0, 117, 176
Decimal	45144
CIELab	63.14, -57.83, 34.43
CIELCh	63, 67.307, 149.232
Yxy	31.7565, 0.2723, 0.5001
Android (android.graphics.Color)	4278235224 (0xFF00B058)
YUV	113.3440, -12.4946, -99.4027
Hunter-Lab	56.3518, -43.8580, 24.2420

Details

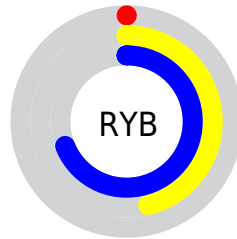
The HunterLab color **56.3518, -43.8580, 24.2420** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **31.5204, 56.2140, 3.0370**, and the grayscale version is **40.8378, -2.1790, 2.2188**.

A 20% lighter version of the original color is **79.0706, -51.6521, 29.5031**, and **37.5041, -30.7654, 19.5368** is the 20% darker color. If you saturate the color by 10%, you get **56.3528, -43.8591, 24.2431**, and if you desaturate by 10%, it is **56.6005, -42.5475, 22.3358**.

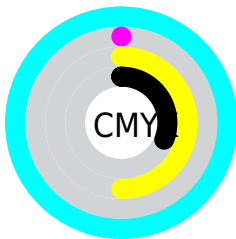
Distribution



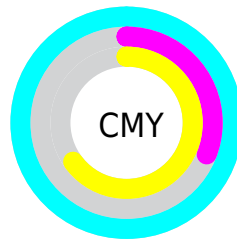
- Red (0%)
- Green (69%)
- Blue (35%)



- Red (0%)
- Yellow (46%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (31%)





- Cyan (100%)
- Magenta (31%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.3518, -43.8580, 24.2420 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 56.3518, -43.8580, 24.2420 by changing the saturation by 10% instead.


 56.3518, -43.8580,
24.2420


 56.3518, -43.8580,
24.2420


176.0706,
-75.0026, 45.2783

 46.0170, -39.6593,
21.5268


 79.0122, -51.6122,
29.3325


 36.4039, -35.1648,
18.6544


 91.2632, -55.2464,
31.7519


 27.5728, -30.2804,
15.5775


 104.0892,
-58.7558, 34.1085

 19.6003, -24.8611,
12.5640

 117.4654,
-62.1603, 36.4137

 12.5914, -22.0349,
8.8140

 131.3701,
-65.4757, 38.6767

 5.8970, -10.3197,
4.1279

 145.7838,

0.0000, NaN, NaN

-68.7146, 40.9047

0.0000, NaN, NaN

160.6892,
-71.8874, 43.1036

0.0000, NaN, NaN

■ 56.3518, -43.8580,
24.2420

■ 56.3518, -43.8580,
24.2420

■ 56.3528, -43.8591,
24.2431

■ 56.6005, -42.5475,
22.3358

■ 56.9607, -40.7447,
20.3047

■ 57.4697, -38.3145,
18.1934

■ 58.1416, -35.2210,
16.0325

■ 58.9857, -31.4551,
13.8519

■ 60.0079, -27.0293,
11.6806

■ 61.2108, -21.9741,
9.5454

■ 62.5944, -16.3333,
7.4705

■ 64.1563, -10.1601,
5.4762

Harmonies

Analogous

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



56.3529, -28.0694, 32.7257



56.3518, -43.8580, 24.2420



56.3529, -49.1672, 3.7840

Triad

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



56.3529, -43.8586, 24.2423



56.3529, -3.7661, -81.6776



56.3529, 55.3663, 23.5332

Complementary

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



56.3518, -43.8580, 24.2420



31.5204, 56.2140, 3.0370

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.



56.3529, 65.4756, 2.3413



56.3518, -43.8580, 24.2420



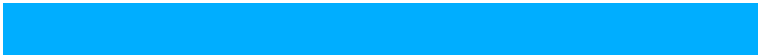
56.3529, 27.3756, -67.0347

Square

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



56.3529, -43.8586, 24.2423



56.3529, -29.1364, -65.5655



56.3529, 54.3268, -32.0059



56.3529, 28.9608, 32.4890

Rectangle

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



56.3518, -43.8580, 24.2420



56.3529, -47.1075, -17.7030



56.3529, 54.3268, -32.0059



56.3529, 60.9967, 18.0753

Sweetspot

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



56.3529, -43.8586, 24.2423



82.3407, -29.9734, 13.0053



57.6827, -39.5671, 34.8509



38.0106, -15.2941, 6.6015



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.



56.3529, -43.8586, 24.2423



75.8602, -59.2524, 33.0904



58.3710, -31.5835, -4.7786



30.9170, -4.6819, 2.5723



48.2817, -37.4919, 20.5864



8.6328, -6.2275, 2.6531

Inverse Universe

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



31.5204, 56.2140, 3.0370



42.3940, 75.5074, 4.8647



30.3926, 52.0680, 19.4745



29.2810, 1.5970, 0.7579



27.0206, 48.2306, 2.2894



4.9143, 8.9942, -1.3071

Previews

White Background



This preview shows how the HunterLab color 56.3518, -43.8580, 24.2420 looks on a white background.

Color Contrast Check

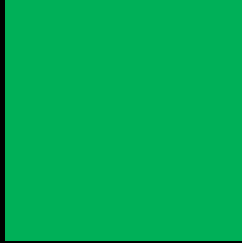
Large Text (above 18pt) WCAG AA × Fail

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 56.3518, -43.8580, 24.2420 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 56.3518, -43.8580, 24.2420 Background



This preview shows how black text looks on a background with the HunterLab color 56.3518, -43.8580, 24.2420.



This preview shows how white text looks on a background with the HunterLab color 56.3518,

-43.8580, 24.2420.

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

56.3518, -43.8580, 24.2420

Protanopia

55.9027, -6.4686, 26.2845

Deuteranopia

55.8235, 3.8805, 22.7126



Tritanopia

56.3209, -22.2196, -10.5805

Trichromacy



Original Color

56.3518, -43.8580, 24.2420



Protanomaly

54.0171, -27.6133, 23.8192



Deuteranomaly

53.1792, -22.3515, 20.8315



Tritanomaly

55.9807, -32.4108, 5.1259

Monochromacy



Original Color

56.3518, -43.8580, 24.2420



Achromatopsia

40.6365, -2.1683, 2.2079



Achromatomaly

44.7052, -22.4329, 9.7849

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.3518, -43.8580, 24.2420 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, 176, 88)` looks like.

```
.text, #text, p{  
    color:rgb(0, 176, 88)  
}
```

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, 176, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 176, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 56.3518, -43.8580, 24.2420 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, 176, 88) }
```


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

```
.border{ border-color:rgb(0, 176, 88) }
```

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

Here you see how a box with a 4 pixel rgb(0, 176, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 176, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 176, 88);  
box-shadow:4px 4px 4px 4px rgb(0, 176, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 56.3518, -43.8580, 24.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 176, 88) }
```

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

```
.background{ background-color: rgb(0, 176,  
88) }
```

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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