

Converting Colors

HunterLab(56.0498, -43.2479,
23.3041)

Have a look what the booklet for
HunterLab(56.0498, -43.2479,
23.3041) contains.

HunterLab(56.0493, -43.2513, 23.3104)	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(56.0493,
-43.2513, 23.3104)**

Conversions

Conversions Part 1

Format	Color
Hex	00AF5B
RGB	0, 175, 91
RGB Percent	0%, 69%, 36%
CMY	1.0000, 0.3137, 0.6431
CMYK	1.00, 0.00, 0.48, 0.31
HSL	151°, 100%, 34%
HSV	151°, 100%, 69%
XYZ	17.2183, 31.4152, 15.0537
YIQ	113.0990, -77.3360, -63.2240

Conversions

Conversions Part 2

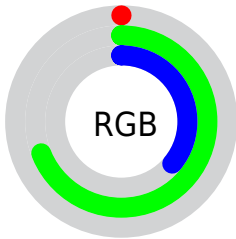
Format	Color
RYB	0, 115, 175
Decimal	44891
CIELab	62.86, -56.99, 32.54
CIELCh	63, 65.623, 150.271
Yxy	31.4165, 0.2704, 0.4933
Android (android.graphics.Color)	4278234971 (0xFF00AF5B)
YUV	113.0990, -10.8948, -99.1878
Hunter-Lab	56.0493, -43.2513, 23.3104

Details

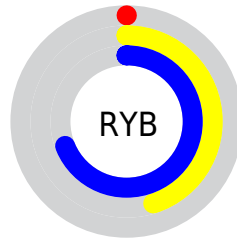
The HunterLab color **56.0493, -43.2513, 23.3104** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **31.2325, 55.5351, 4.2917**, and the grayscale version is **40.7380, -2.1737, 2.2134**.

A 20% lighter version of the original color is **78.7359, -51.0647, 28.3519**, and **37.2145, -30.2382, 18.7608** is the 20% darker color. If you saturate the color by 10%, you get **56.0503, -43.2524, 23.3116**, and if you desaturate by 10%, it is **56.2970, -41.9475, 21.4171**.

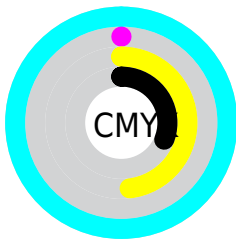
Distribution



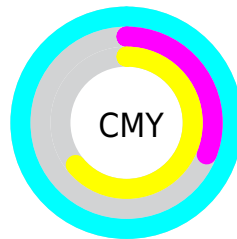
- Red (0%)
- Green (69%)
- Blue (36%)



- Red (0%)
- Yellow (45%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (31%)





- Cyan (100%)
- Magenta (31%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.0493, -43.2513, 23.3104 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 56.0493, -43.2513, 23.3104 by changing the saturation by 10% instead.


 56.0493, -43.2513,
23.3104


 56.0493, -43.2513,
23.3104


175.6282,
-74.0323, 43.4891


 45.7342, -39.1041,
20.7216


 78.6735, -50.9111,
28.1730

 36.1425, -34.6645,
17.9855


 90.9079, -54.5017,
30.4886

 27.3346, -29.8388,
15.0560


 103.7179,
-57.9696, 32.7470

 19.3878, -24.4821,
12.1033

 117.0788,
-61.3344, 34.9590

 12.4081, -21.7142,
8.6857

 130.9688,
-64.6117, 37.1330

 5.6246, -9.8431,
3.9372

 145.3683,

0.0000, NaN, NaN

-67.8139, 39.2759

0.0000, NaN, NaN

160.2601,
-70.9513, 41.3931

0.0000, NaN, NaN

■ 56.0493, -43.2513,
23.3104

■ 56.0493, -43.2513,
23.3104

■ 56.0503, -43.2524,
23.3116

■ 56.2970, -41.9475,
21.4171

■ 56.6543, -40.1633,
19.4171

■ 57.1581, -37.7640,
17.3557

■ 57.8222, -34.7142,
15.2633

■ 58.6562, -31.0042,
13.1692

■ 59.6658, -26.6460,
11.1015

■ 60.8537, -21.6688,
9.0857

■ 62.2199, -16.1151,
7.1444

■ 63.7622, -10.0367,
5.2964

Harmonies

Analogous

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



56.0504, -28.1434, 32.0598



56.0493, -43.2513, 23.3104



56.0504, -48.1222, 2.8030

Triad

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



56.0504, -43.2519, 23.3107



56.0504, -2.7334, -78.6996



56.0504, 52.9474, 23.5574

Complementary

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



56.0493, -43.2513, 23.3104



31.2325, 55.5351, 4.2917

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.



56.0504, 63.4017, 3.2978



56.0493, -43.2513, 23.3104



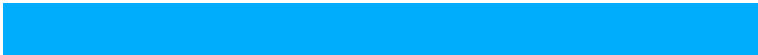
56.0504, 27.5600, -63.6836

Square

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



56.0504, -43.2519, 23.3107



56.0504, -27.7757, -64.1811



56.0504, 53.3017, -29.6469



56.0504, 27.0184, 32.1436

Rectangle

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



56.0493, -43.2513, 23.3104



56.0504, -45.8684, -18.3059



56.0504, 53.3017, -29.6469



56.0504, 58.5956, 18.3370

Sweetspot

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



56.0504, -43.2519, 23.3107



81.3480, -29.3661, 12.2977



57.0730, -40.3296, 34.4618



38.0303, -15.1797, 6.3192



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.



56.0504, -43.2519, 23.3107



74.9794, -58.0659, 31.6299



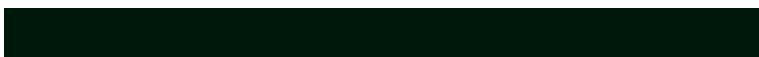
57.1255, -29.6414, -7.4142



30.0105, -4.5076, 2.4296



47.4447, -36.5199, 19.5342



7.9824, -5.6650, 2.2519

Inverse Universe

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



31.2325, 55.5351, 4.2917



41.7440, 74.1297, 6.4949



30.2949, 51.3424, 19.5660



28.4200, 1.5120, 0.8054



26.4529, 47.0809, 3.2989



4.5362, 8.3018, -1.2042

Previews

White Background



This preview shows how the HunterLab color 56.0493, -43.2513, 23.3104 looks on a white background.

Color Contrast Check

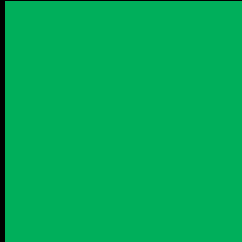
Large Text (above 18pt) WCAG AA × Fail

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 56.0493, -43.2513, 23.3104 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 56.0493, -43.2513, 23.3104 Background



This preview shows how black text looks on a background with the HunterLab color 56.0493, -43.2513, 23.3104.



This preview shows how white text looks on a background with the HunterLab color 56.0493, -43.2513, 23.3104.

-43.2513, 23.3104.

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

56.0493, -43.2513, 23.3104

Protanopia

55.5422, -6.1995, 25.5951

Deuteranopia

55.4909, 4.2722, 21.6555



Tritanopia

55.9671, -21.9124, -11.0768

Trichromacy



Original Color

56.0493, -43.2513, 23.3104



Protanomaly

53.7230, -27.0505, 23.1454



Deuteranomaly

52.9152, -21.6435, 19.8277



Tritanomaly

55.6550, -31.9383, 4.3285

Monochromacy



Original Color

56.0493, -43.2513, 23.3104



Achromatopsia

40.6365, -2.1683, 2.2079



Achromatomaly

44.7280, -22.2975, 9.4552

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.0493, -43.2513, 23.3104 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, 175, 91)` looks like.

```
.text, #text, p{  
    color:rgb(0, 175, 91)  
}
```

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, 175, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 175, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 56.0493, -43.2513, 23.3104 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, 175, 91) }
```


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

```
.border{ border-color:rgb(0, 175, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 175, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 175, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 175, 91);  
box-shadow:4px 4px 4px 4px rgb(0, 175, 91)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 56.0493, -43.2513, 23.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 175, 91) }
```

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

```
.background{ background-color: rgb(0, 175,  
91) }
```

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