

Converting Colors

HunterLab(58.3957, -43.7625,
21.4811)

Have a look what the booklet for
HunterLab(58.3957, -43.7625,
21.4811) contains.

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Color

**HunterLab(58.3852,
-43.7025, 21.3646)**

Conversions

Conversions Part 1

Format	Color
Hex	00B56A
RGB	0, 181, 106
RGB Percent	0%, 71%, 42%
CMY	1.0000, 0.2902, 0.5843
CMYK	1.00, 0.00, 0.41, 0.29
HSL	155°, 100%, 35%
HSV	155°, 100%, 71%
XYZ	19.1254, 34.0883, 19.2074
YIQ	118.3310, -83.8010, -61.6970

Conversions

Conversions Part 2

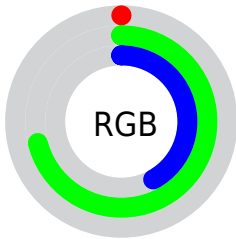
Format	Color
RYB	0, 114, 181
Decimal	46442
CIELab	65.03, -56.28, 27.54
CIELCh	65, 62.662, 153.923
Yxy	34.0897, 0.2641, 0.4707
Android (android.graphics.Color)	4278236522 (0xFF00B56A)
YUV	118.3310, -6.0792, -103.7763
Hunter-Lab	58.3852, -43.7025, 21.3646

Details

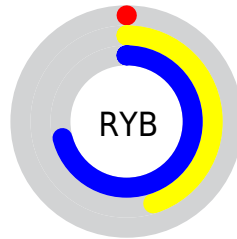
The HunterLab color **58.3852, -43.7025, 21.3646** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **32.1441, 56.6270, 8.5170**, and the grayscale version is **42.7394, -2.2805, 2.3221**.

A 20% lighter version of the original color is **81.2715, -51.1530, 25.5850**, and **39.3372, -31.0507, 17.8615** is the 20% darker color. If you saturate the color by 10%, you get **58.3863, -43.7037, 21.3659**, and if you desaturate by 10%, it is **58.6364, -42.3844, 19.4421**.

Distribution



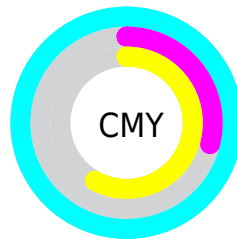
- Red (0%)
- Green (71%)
- Blue (42%)



- Red (0%)
- Yellow (45%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3852, -43.7025, 21.3646 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 58.3852, -43.7025, 21.3646 by changing the saturation by 10% instead.

■ 58.3852, -43.7025,
21.3646

■ 58.3852, -43.7025,
21.3646

179.0340,
-73.9561, 39.2019

■ 47.9192, -39.6573,
19.1383

■ 81.2854, -51.1991,
25.5886

■ 38.1652, -35.3403,
16.8025

■ 93.6473, -54.7223,
27.6184

■ 29.1809, -30.6666,
14.3196

■ 106.5792,
-58.1297, 29.6087

■ 21.0389, -25.5064,
11.6343

■ 120.0570,
-61.4394, 31.5677

■ 13.8377, -21.5340,
9.6864

■ 134.0594,
-64.6662, 33.5018

■ 7.4650, -13.0637,
5.2255

■ 148.5675,

0.0000, NaN, NaN

-67.8218, 35.4163

0.0000, NaN, NaN

163.5642,
-70.9157, 37.3151

0.0000, NaN, NaN

■ 58.3852, -43.7025,
21.3646

■ 58.3852, -43.7025,
21.3646

■ 58.3863, -43.7037,
21.3659

■ 58.6364, -42.3844,
19.4421

■ 58.9986, -40.5873,
17.4646

■ 59.5094, -38.1758,
15.4807

■ 60.1832, -35.1112,
13.5216

■ 61.0302, -31.3814,
11.6164

■ 62.0565, -26.9960,
9.7914

■ 63.2652, -21.9821,
8.0695

■ 64.6568, -16.3808,
6.4700

■ 66.2291, -10.2426,
5.0075

Harmonies

Analogous

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



58.3864, -29.9924, 31.5423



58.3852, -43.7025, 21.3646



58.3864, -47.3552, -0.3996

Triad

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



58.3864, -43.7031, 21.3650



58.3864, 0.5744, -73.4351



58.3864, 48.0326, 24.9883

Complementary

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



58.3852, -43.7025, 21.3646



32.1441, 56.6270, 8.5170

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.



58.3864, 60.1578, 6.5429



58.3852, -43.7025, 21.3646



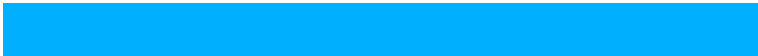
58.3864, 29.7133, -56.5095

Square

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



58.3864, -43.7031, 21.3650



58.3864, -24.7540, -63.1904



58.3864, 52.8990, -23.7990



58.3864, 22.2133, 32.8444

Rectangle

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



58.3852, -43.7025, 21.3646



58.3864, -44.2968, -21.3551



58.3864, 52.8990, -23.7990



58.3864, 54.0433, 20.2304

Sweetspot

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



58.3864, -43.7031, 21.3650



84.5770, -29.7765, 10.9119



58.7894, -43.7977, 35.4588



38.9970, -15.1746, 5.5101



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



58.3864, -43.7031, 21.3650



78.1058, -58.6696, 29.0254



55.2990, -25.8800, -13.2509



30.9367, -4.5721, 2.2909



48.4911, -36.1965, 17.5283



8.6668, -6.0189, 2.1604

Inverse Universe

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



32.1441, 56.6270, 8.5170



42.9665, 75.5994, 12.1211



31.8879, 51.8346, 20.5562



29.2604, 1.4865, 1.0510



26.7127, 47.1066, 6.7165



4.8606, 8.8006, -0.5543

Previews

White Background



This preview shows how the HunterLab color 58.3852, -43.7025, 21.3646 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 58.3852, -43.7025, 21.3646 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 58.3852, -43.7025, 21.3646 Background



This preview shows how black text looks on a background with the HunterLab color 58.3852, -43.7025, 21.3646.



This preview shows how white text looks on a background with the HunterLab color 58.3852, -43.7025, 21.3646.

-43.7025, 21.3646.

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

58.3852, -43.7025, 21.3646

Protanopia

57.9796, -6.1400, 24.3029

Deuteranopia

57.8308, 4.1619, 19.6910



Tritanopia

58.4880, -23.4249, -11.4614

Trichromacy



Original Color

58.3852, -43.7025, 21.3646



Protanomaly

56.0747, -27.3252, 21.3267



Deuteranomaly

55.1970, -22.1169, 17.7792



Tritanomaly

57.9539, -32.5169, 2.5079

Monochromacy



Original Color

58.3852, -43.7025, 21.3646



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

46.6482, -22.4618, 8.1173

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3852, -43.7025, 21.3646 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, 181, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 106)  
}
```

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, 181, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3852, -43.7025, 21.3646 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, 181, 106) }
```


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

```
.border{ border-color:rgb(0, 181, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 181, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 181,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.3852, -43.7025, 21.3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 106) }
```

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

```
.background{ background-color: rgb(0, 181,  
106) }
```

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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