

Converting Colors

HunterLab(15.7341, -8.2048,
-1.6136)

Have a look what the booklet for
HunterLab(15.7341, -8.2048,
-1.6136) contains.

HunterLab(15.8680, -8.3213, -1.6430)	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(15.8680, -8.3213,
-1.6430)**

Conversions

Conversions Part 1

Format	Color
Hex	013232
RGB	1, 50, 50
RGB Percent	0%, 20%, 20%
CMY	0.9961, 0.8039, 0.8039
CMYK	0.98, 0.00, 0.00, 0.80
HSL	180°, 96%, 10%
HSV	180°, 98%, 20%
XYZ	1.7288, 2.5179, 3.4125
YIQ	35.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

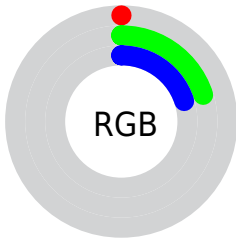
Format	Color
R_YB	1, 26, 50
Decimal	78386
CIE Lab	18.00, -15.05, -4.44
CIE LCh	18, 15.695, 196.421
Yxy	2.5180, 0.2257, 0.3287
Android (android.graphics.Color)	4278268466 (0xFF013232)
YUV	35.3490, 7.2229, -30.1241
Hunter-Lab	15.8680, -8.3213, -1.6430

Details

The HunterLab color **15.8680, -8.3213, -1.6430** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.3790, 13.7084, 5.1994**, and the grayscale version is **13.0599, -0.6968, 0.7096**.

A 20% lighter version of the original color is **31.8603, -11.7517, -1.1673**, and **0.6620, 1.7958, -4.7041** is the 20% darker color. If you saturate the color by 10%, you get **15.8479, -8.4019, -1.6713**, and if you desaturate by 10%, it is **15.9696, -7.9225, -1.5018**.

Distribution



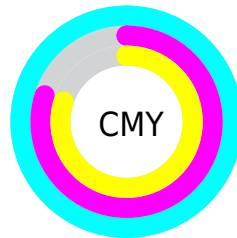
- Red (0%)
- Green (20%)
- Blue (20%)



- Red (0%)
- Yellow (10%)
- Blue (20%)



- Cyan (98%)
- Magenta (0%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.8680, -8.3213, -1.6430 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 15.8680, -8.3213, -1.6430 by changing the saturation by 10% instead.

■ 15.8680, -8.3213,
-1.6430

■ 15.8680, -8.3213,
-1.6430

■ 110.5211,
-21.3058, 1.4810

■ 9.4108, -7.4734,
-1.6590

■ 31.7616, -11.4909,
-1.3444

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 40.9810, -12.9622,
-1.0906

0.0000, NaN, NaN

■ 50.9519, -14.3931,
-0.7789

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.6214, -15.7977,
-0.4150

0.0000, NaN, NaN


■ 72.9465, -17.1855,
-0.0038


0.0000, NaN, NaN


■ 84.8912, -18.5631,


0.0000, NaN, NaN


0.4512


 97.4249, -19.9354,
0.9470


 15.8680, -8.3213,
-1.6430


 15.8680, -8.3213,
-1.6430


 15.8479, -8.4019,
-1.6713

 15.9696, -7.9225,
-1.5018

 16.0709, -7.5270,
-1.3620

 16.1918, -7.0581,
-1.1961

 16.3432, -6.4764,
-0.9902

 16.5264, -5.7809,
-0.7439

■ 16.7419, -4.9731,
-0.4576

■ 16.9902, -4.0560,
-0.1324

■ 17.2715, -3.0345,
0.2303

■ 17.5854, -1.9147,
0.6282

Harmonies

Analogous

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



15.8683, -8.4106, 2.6768



15.8680, -8.3213, -1.6430



15.8683, -6.3809, -6.3278

Triad

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



15.8683, -8.3213, -1.6428



15.8683, 5.9172, -5.9198



15.8683, 1.2348, 6.9610

Complementary

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



15.8680, -8.3213, -1.6430



8.3790, 13.7084, 5.1994

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.



15.8683, 5.5662, 5.7431



15.8680, -8.3213, -1.6430



15.8683, 8.4661, -1.1921

Square

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



15.8683, -8.3213, -1.6428



15.8683, 1.6724, -9.2294



15.8683, 8.3309, 3.0182



15.8683, -3.2195, 6.9029

Rectangle

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



15.8680, -8.3213, -1.6430



15.8683, -4.1615, -8.6794



15.8683, 8.3309, 3.0182



15.8683, 2.7628, 6.7059

Sweetspot

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



15.8683, -8.3213, -1.6428



21.3772, -5.4177, -0.2719



15.1499, -12.7402, 8.9997



11.7140, -3.0421, -0.1736



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



15.8683, -8.3213, -1.6428



20.0149, -10.6111, -2.1107



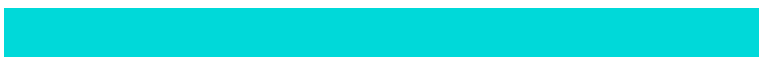
9.9484, -0.0996, -11.8562



9.8527, -1.0906, 0.3460



28.1281, -14.9123, -2.9662



73.8198, -39.1362, -7.7845

Inverse Universe

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



8.3790, 13.7084, 5.1994



10.4001, 17.8106, 6.7202



11.6712, 4.9916, 7.1330



9.4104, 0.0893, 0.7095



14.6159, 25.0302, 9.4443



38.3581, 65.6894, 24.7860

Previews

White Background



This preview shows how the HunterLab color 15.8680, -8.3213, -1.6430 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

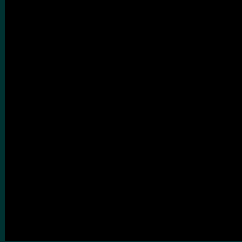
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 15.8680, -8.3213, -1.6430 Background



This preview shows how black text looks on a background with the HunterLab color 15.8680, -8.3213, -1.6430.



This preview shows how white text looks on a background with the HunterLab color 15.8680, -8.3213, -1.6430.

-1.6430.

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

15.8680, -8.3213, -1.6430

Protanopia

16.0140, -0.2034, -0.0927

Deuteranopia

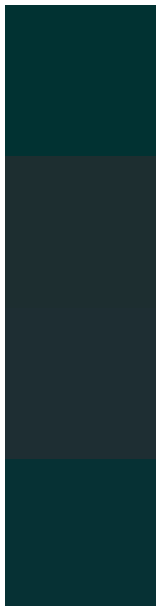
15.9612, 1.0118, -1.7811



Tritanopia

15.8485, -6.8582, -2.9548

Trichromacy



Original Color

15.8680, -8.3213, -1.6430

Protanomaly

15.5840, -4.1669, -1.1089

Deuteranomaly

15.7131, -3.5290, -2.1972

Tritanomaly

15.7584, -7.2646, -2.6404

Monochromacy



Original Color

15.8680, -8.3213, -1.6430

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.6123, -4.2154, -0.4298

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.8680, -8.3213, -1.6430 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(1, 50, 50)` looks like.

```
.text, #text, p{  
    color:rgb(1, 50, 50)  
}
```

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(1, 50, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 50, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 15.8680, -8.3213, -1.6430 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(1, 50, 50) }
```


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

```
.border{ border-color:rgb(1, 50, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 50, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 50, 50); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 50, 50); box-shadow:4px  
4px 4px 4px rgb(1, 50, 50) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.8680, -8.3213, -1.6430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 50, 50) }
```

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

```
.background{ background-color: rgb(1, 50,  
50) }
```

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