

Converting Colors

HunterLab(15.7175, -12.5209,
-3.0783)

Have a look what the booklet for
HunterLab(15.7175, -12.5209,
-3.0783) contains.

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Color

**HunterLab(16.7429, -8.8763,
-1.7658)**

Conversions

Conversions Part 1

Format	Color
Hex	003535
RGB	0, 53, 53
RGB Percent	0%, 21%, 21%
CMY	1.0000, 0.7922, 0.7922
CMYK	1.00, 0.00, 0.00, 0.79
HSL	180°, 100%, 10%
HSV	180°, 100%, 21%
XYZ	1.9157, 2.8032, 3.8083
YIQ	37.1530, -31.5880, -11.2360

Conversions

Conversions Part 2

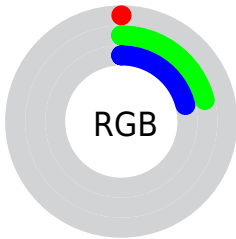
Format	Color
RYB	0, 27, 53
Decimal	13621
CIELab	19.24, -15.82, -4.65
CIELCh	19, 16.486, 196.385
Yxy	2.8034, 0.2247, 0.3287
Android (android.graphics.Color)	4278203701 (0xFF003535)
YUV	37.1530, 7.8126, -32.5832
Hunter-Lab	16.7429, -8.8763, -1.7658

Details

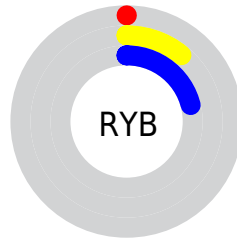
The HunterLab color **16.7429, -8.8763, -1.7658** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.7004, 14.8981, 5.6213**, and the grayscale version is **13.6340, -0.7275, 0.7408**.

A 20% lighter version of the original color is **32.8625, -12.2599, -1.2621**, and **1.3241, 3.5916, -9.4081** is the 20% darker color. If you saturate the color by 10%, you get **16.7432, -8.8765, -1.7656**, and if you desaturate by 10%, it is **16.8450, -8.4749, -1.6237**.

Distribution



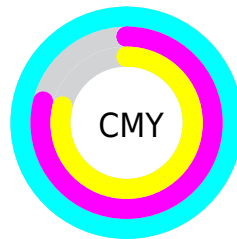
- Red (0%)
- Green (21%)
- Blue (21%)



- Red (0%)
- Yellow (11%)
- Blue (21%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (79%)



- Cyan (100%)
- Magenta (79%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.7429, -8.8763, -1.7658 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 16.7429, -8.8763, -1.7658 by changing the saturation by 10% instead.

■ 16.7429, -8.8763,
-1.7658

■ 16.7429, -8.8763,
-1.7658

■ 112.1811,
-22.2358, 1.3255

■ 10.1486, -7.4534,
-1.7807

■ 32.8606, -12.1439,
-1.4732

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 42.1763, -13.6606,
-1.2230

0.0000, NaN, NaN

■ 52.2364, -15.1347,
-0.9151

0.0000, NaN, NaN

■ 62.9893, -16.5803,
-0.5552

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 74.3929, -18.0073,
-0.1478


0.0000, NaN, NaN


■ 86.4122, -19.4224,


0.0000, NaN, NaN


0.3033


 99.0169, -20.8307,
0.7953


 16.7429, -8.8763,
-1.7658


 16.7429, -8.8763,
-1.7658

 16.7432, -8.8765,
-1.7656

 16.8450, -8.4749,
-1.6237

 16.9464, -8.0781,
-1.4834

 17.0665, -7.6115,
-1.3184

 17.2192, -7.0234,
-1.1103

 17.4058, -6.3120,
-0.8584

■ 17.6275, -5.4784,
-0.5631

■ 17.8845, -4.5255,
-0.2251

■ 18.1773, -3.4581,
0.1537

■ 18.5055, -2.2825,
0.5714

Harmonies

Analogous

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



16.7432, -8.9691, 2.8531



16.7429, -8.8763, -1.7658



16.7432, -6.8090, -6.7925

Triad

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



16.7432, -8.8763, -1.7656



16.7432, 6.3425, -6.3652



16.7432, 1.3392, 7.4061

Complementary

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



16.7429, -8.8763, -1.7658



8.7004, 14.8981, 5.6213

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.



16.7432, 5.9759, 6.1122



16.7429, -8.8763, -1.7658



16.7432, 9.0772, -1.2950

Square

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



16.7432, -8.8763, -1.7656



16.7432, 1.7957, -9.9186



16.7432, 8.9359, 3.2083



16.7432, -3.4244, 7.3461

Rectangle

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



16.7429, -8.8763, -1.7658



16.7432, -4.4408, -9.3213



16.7432, 8.9359, 3.2083



16.7432, 2.9745, 7.1352

Sweetspot

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



16.7432, -8.8763, -1.7656



23.0190, -6.0352, -0.3603



15.9750, -13.6065, 9.6052



12.4482, -3.3499, -0.2237



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



16.7432, -8.8763, -1.7656



21.6000, -11.4514, -2.2778



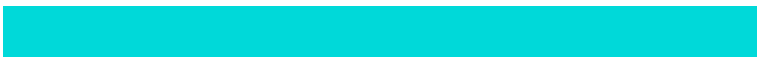
10.2894, 0.0959, -13.0669



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.



8.7004, 14.8981, 5.6213



11.2238, 19.2211, 7.2524



12.1611, 5.5680, 7.5907



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 16.7429, -8.8763, -1.7658 looks on a white background.

Color Contrast Check

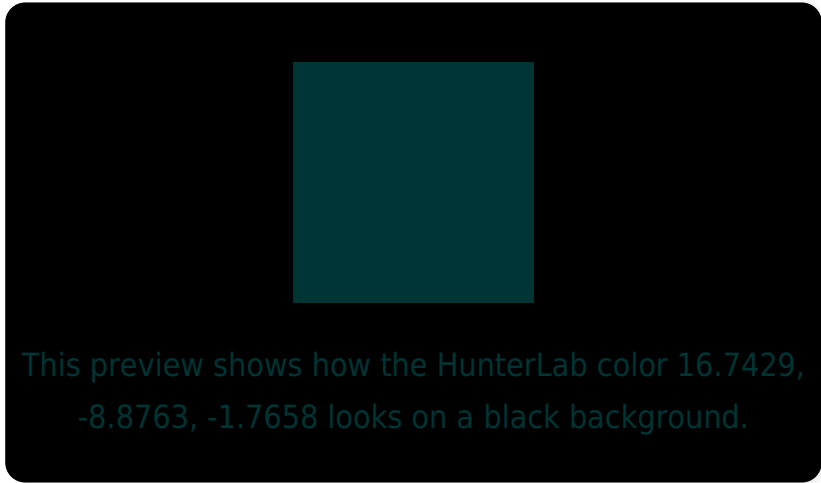
Large Text (above 18pt) WCAG AA ✓ Pass

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

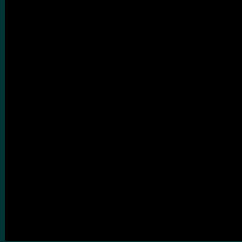
Any Text WCAG AA × Fail

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 16.7429, -8.8763, -1.7658 Background



This preview shows how black text looks on a background with the HunterLab color 16.7429, -8.8763, -1.7658.



This preview shows how white text looks on a background with the HunterLab color 16.7429, -8.8763, -1.7658.

-1.7658.

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

16.7429, -8.8763, -1.7658

Protanopia

16.9799, -0.3870, 0.3100

Deuteranopia

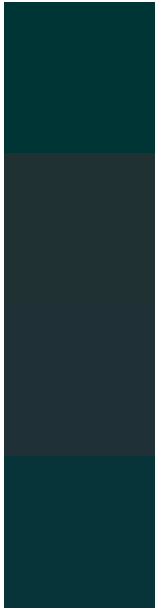
16.9062, 0.8800, -2.2428



Tritanopia

16.7807, -7.1165, -3.4611

Trichromacy



Original Color

16.7429, -8.8763, -1.7658

Protanomaly

16.4870, -4.6101, -0.7733

Deuteranomaly

16.5960, -3.9906, -2.3118

Tritanomaly

16.6740, -7.5880, -3.1621

Monochromacy



Original Color

16.7429, -8.8763, -1.7658

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

14.4788, -4.6681, -0.5189

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.7429, -8.8763, -1.7658 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, 53, 53)` looks like.

```
.text, #text, p{  
    color:rgb(0, 53, 53)  
}
```

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, 53, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 53, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 16.7429, -8.8763, -1.7658 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, 53, 53) }
```


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

```
.border{ border-color:rgb(0, 53, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 53, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 53, 53); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 53, 53); box-shadow:4px  
4px 4px 4px rgb(0, 53, 53) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.7429, -8.8763, -1.7658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 53, 53) }
```

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

```
.background{ background-color: rgb(0, 53,  
53) }
```

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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