

Converting Colors

HunterLab(15.7198, -17.1830,
-11.0915)

Have a look what the booklet for
HunterLab(15.7198, -17.1830,
-11.0915) contains.

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Color

**HunterLab(18.0158, -7.1783,
-7.0223)**

Conversions

Conversions Part 1

Format	Color
Hex	003844
RGB	0, 56, 68
RGB Percent	0%, 22%, 27%
CMY	1.0000, 0.7804, 0.7333
CMYK	1.00, 0.18, 0.00, 0.73
HSL	191°, 100%, 13%
HSV	191°, 100%, 27%
XYZ	2.4576, 3.2457, 5.9658
YIQ	40.6240, -37.2280, -8.1400

Conversions

Conversions Part 2

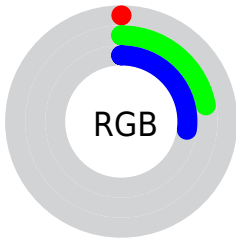
Format	Color
RYB	0, 31, 68
Decimal	14404
CIELab	21.00, -11.64, -12.17
CIELCh	21, 16.837, 226.262
Yxy	3.2458, 0.2106, 0.2781
Android (android.graphics.Color)	4278204484 (0xFF003844)
YUV	40.6240, 13.4964, -35.6272
Hunter-Lab	18.0158, -7.1783, -7.0223

Details

The HunterLab color **18.0158, -7.1783, -7.0223** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.2147, 15.3838, 7.7954**, and the grayscale version is **14.7357, -0.7863, 0.8006**.

A 20% lighter version of the original color is **34.4398, -9.7485, -7.3943**, and **4.9824, 1.0714, -8.5405** is the 20% darker color. If you saturate the color by 10%, you get **18.0158, -7.1782, -7.0225**, and if you desaturate by 10%, it is **18.4592, -7.1457, -6.3164**.

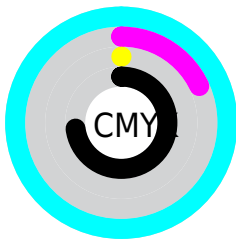
Distribution



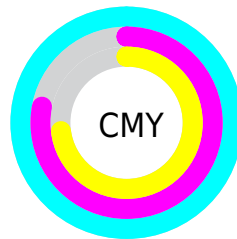
- Red (0%)
- Green (22%)
- Blue (27%)



- Red (0%)
- Yellow (12%)
- Blue (27%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (78%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0158, -7.1783, -7.0223 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 18.0158, -7.1783, -7.0223 by changing the saturation by 10% instead.

■ 18.0158, -7.1783,
-7.0223

■ 18.0158, -7.1783,
-7.0223

■ 114.5597,
-18.2558, -6.7879

■ 11.2311, -5.7642,
-6.6868

■ 34.4473, -9.7591,
-7.4472

■ 3.3316, -5.8302,
-14.9549

■ 43.8986, -10.9923,
-7.5394

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.0843, -12.2085,
-7.5603

0.0000, NaN, NaN

■ 64.9548, -13.4162,
-7.5162

0.0000, NaN, NaN

■ 76.4695, -14.6213,
-7.4126

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.5940, -15.8278,

-7.2542

0.0000, NaN, NaN

■ 101.2993,
-17.0386, -7.0448

■ 18.0158, -7.1783,
-7.0223

■ 18.0158, -7.1783,
-7.0223

■ 18.0158, -7.1782,
-7.0225

■ 18.4592, -7.1457,
-6.3164

■ 18.9057, -7.1041,
-5.6256

■ 19.3918, -6.9172,
-4.8930

■ 19.9234, -6.5640,
-4.1130

■ 20.5009, -6.0474,
-3.2897

■ 21.1236, -5.3732,
-2.4279

■ 21.7907, -4.5496,
-1.5325

■ 22.5007, -3.5862,
-0.6086

■ 23.2522, -2.4935,
0.3393

Harmonies

Analogous

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



18.0161, -9.3453, -1.7934



18.0158, -7.1783, -7.0223



18.0161, -3.2039, -10.4537

Triad

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



18.0161, -7.1782, -7.0220



18.0161, 9.4384, -1.3461



18.0161, -3.5938, 7.7702

Complementary

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



18.0158, -7.1783, -7.0223



12.2147, 15.3838, 7.7954

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.



18.0161, 1.3947, 7.8285



18.0158, -7.1783, -7.0223



18.0161, 9.3043, 3.3735

Square

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



18.0161, -7.1782, -7.0220



18.0161, 6.5789, -6.6180



18.0161, 6.2306, 6.4460



18.0161, -7.4365, 6.2561

Rectangle

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



18.0158, -7.1783, -7.0223



18.0161, 0.1059, -10.7844



18.0161, 6.2306, 6.4460



18.0161, -2.0061, 7.9429

Sweetspot

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



18.0161, -7.1782, -7.0220



28.6138, -6.1478, -2.1738



20.3943, -17.0510, 11.3179



14.7979, -3.3171, -1.2546



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



18.0161, -7.1782, -7.0220



23.5722, -9.2259, -9.5472



10.0853, 6.1262, -25.8289



12.0329, -1.1930, 0.2497



25.6305, -9.9827, -10.4861



63.2594, -23.7504, -27.7985

Inverse Universe

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



12.3068, 23.3939, -10.0322



16.1986, 30.7512, -12.8709



17.6958, 2.6747, 10.9504



11.6336, 0.5171, 0.0064



17.6412, 33.4774, -13.9203



44.0518, 83.3720, -33.0226

Previews

White Background



This preview shows how the HunterLab color 18.0158, -7.1783, -7.0223 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

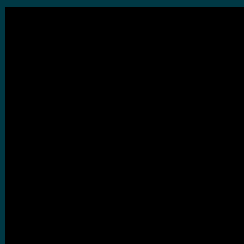
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

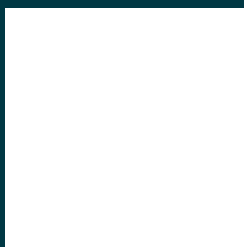
Any Text WCAG AAA × Fail

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

HunterLab 18.0158, -7.1783, -7.0223 Background



This preview shows how black text looks on a background with the HunterLab color 18.0158, -7.1783, -7.0223.



This preview shows how white text looks on a background with the HunterLab color 18.0158, -7.1783, -7.0223.

-7.0223.

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

18.0158, -7.1783, -7.0223

Protanopia

18.3472, 0.2721, -4.3644

Deuteranopia

18.1431, 1.1247, -7.1997



Tritanopia

18.0643, -8.8316, -3.5139

Trichromacy



Original Color

18.0158, -7.1783, -7.0223

Protanomaly

17.9420, -3.6187, -5.5336

Deuteranomaly

17.7394, -2.7802, -7.9355

Tritanomaly

18.1560, -8.2903, -4.7971

Monochromacy



Original Color

18.0158, -7.1783, -7.0223

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.5326, -4.1920, -2.4574

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0158, -7.1783, -7.0223 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, 56, 68)` looks like.

```
.text, #text, p{  
    color:rgb(0, 56, 68)  
}
```

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, 56, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 56, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0158, -7.1783, -7.0223 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, 56, 68) }
```


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

```
.border{ border-color:rgb(0, 56, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 56, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 56, 68); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 56, 68); box-shadow:4px  
4px 4px 4px rgb(0, 56, 68) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.0158, -7.1783, -7.0223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 56, 68) }
```

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

```
.background{ background-color: rgb(0, 56,  
68) }
```

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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