

Converting Colors

HunterLab(16.7043, 0.3138,
-20.2440)

Have a look what the booklet for
HunterLab(16.7043, 0.3138,
-20.2440) contains.

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Color

**HunterLab(16.7586, 0.1951,
-20.0758)**

Conversions

Conversions Part 1

Format	Color
Hex	063055
RGB	6, 48, 85
RGB Percent	2%, 19%, 33%
CMY	0.9764, 0.8118, 0.6667
CMYK	0.93, 0.44, 0.00, 0.67
HSL	208°, 87%, 18%
HSV	208°, 93%, 33%
XYZ	2.7718, 2.8085, 8.9903
YIQ	39.6600, -36.9090, 2.6030

Conversions

Conversions Part 2

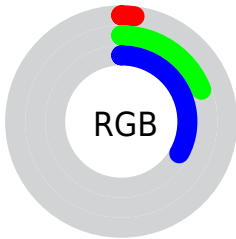
Format	Color
R_{YB}	6, 33, 85
Decimal	405589
CIE _{Lab}	19.26, 1.92, -26.30
CIE _{LCh}	19, 26.366, 274.173
Yxy	2.8086, 0.1902, 0.1928
Android (android.graphics.Color)	4278595669 (0xFF063055)
YUV	39.6600, 22.3526, -29.5198
Hunter-Lab	16.7586, 0.1951, -20.0758

Details

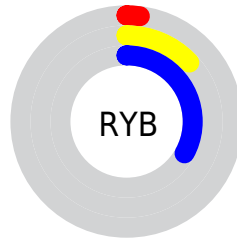
The HunterLab color **16.7586, 0.1951, -20.0758** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.1643, 9.7116, 11.4453**, and the grayscale version is **14.3962, -0.7681, 0.7822**.

A 20% lighter version of the original color is **32.9826, -0.5917, -20.8910**, and **4.6725, 7.6985, -22.4591** is the 20% darker color. If you saturate the color by 10%, you get **15.9592, 0.9868, -22.0779**, and if you desaturate by 10%, it is **17.9101, -0.8856, -17.4305**.

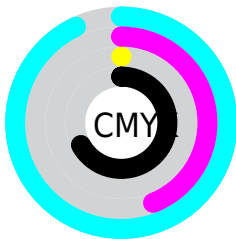
Distribution



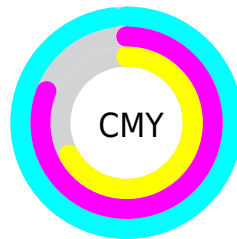
- Red (2%)
- Green (19%)
- Blue (33%)



- Red (2%)
- Yellow (13%)
- Blue (33%)



- Cyan (93%)
- Magenta (44%)
- Yellow (0%)
- Black (67%)



- Cyan (98%)
- Magenta (81%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.7586, 0.1951, -20.0758 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 16.7586, 0.1951, -20.0758 by changing the saturation by 10% instead.

■ 16.7586, 0.1951,
-20.0758

■ 16.7586, 0.1951,
-20.0758

■ 112.2106, -3.9563,
-23.7060

■ 10.1619, 0.3849,
-19.9485

■ 32.8802, -0.3971,
-21.0830

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 42.1976, -0.7787,
-21.6143

0.0000, NaN, NaN

■ 52.2592, -1.2086,
-22.1038

0.0000, NaN, NaN

■ 63.0136, -1.6823,
-22.5393

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.4187, -2.1964,
-22.9169

0.0000, NaN, NaN

■ 86.4392, -2.7483,

0.0000, NaN, NaN

-23.2362

■ 99.0452, -3.3356,
-23.4986

■ 16.7586, 0.1951,
-20.0758

■ 16.7586, 0.1951,
-20.0758

■ 15.9592, 0.9868,
-22.0779

■ 17.9101, -0.8856,
-17.4305

■ 19.1387, -1.7299,
-14.8618

■ 20.4476, -2.3214,
-12.3614

■ 21.8302, -2.6809,
-9.9373

■ 23.2802, -2.8310,
-7.5926

■ 24.7917, -2.7946,
-5.3261

■ 26.3592, -2.5931,
-3.1345

■ 27.9778, -2.2459,
-1.0126

■ 29.6433, -1.7700,
1.0452

Harmonies

Analogous

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



16.7589, -6.8668, -17.3484



16.7586, 0.1951, -20.0758



16.7589, 8.2530, -15.4127

Triad

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



16.7589, 0.1954, -20.0754



16.7589, 13.1889, 7.0493



16.7589, -12.2431, 5.9590

Complementary

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



16.7586, 0.1951, -20.0758



19.1643, 9.7116, 11.4453

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.



16.7589, -8.4233, 8.9131



16.7586, 0.1951, -20.0758



16.7589, 6.0510, 9.3877

Square

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



16.7589, 0.1954, -20.0754



16.7589, 16.5641, 1.9047



16.7589, -1.9585, 10.0218



16.7589, -13.2473, -0.1449

Rectangle

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



16.7586, 0.1951, -20.0758



16.7589, 12.8694, -9.5960



16.7589, -1.9585, 10.0218



16.7589, -11.2845, 7.2371

Sweetspot

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



16.7589, 0.1954, -20.0754



33.1832, -3.5678, -5.7948



25.9023, -19.4358, 10.4176



16.5125, -1.8361, -3.3372



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



16.7589, 0.1954, -20.0754



20.4297, 2.0213, -29.8987



9.3926, 17.9358, -48.1499



14.8886, -1.0722, -0.0806



19.9587, 1.9107, -29.0713



45.3545, 8.1401, -74.2613

Inverse Universe

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



15.0835, 25.0239, -1.2595



18.9764, 34.1231, -0.3380



28.3454, -6.6295, 16.9894



14.6135, 0.6007, 0.3849



18.5115, 33.2938, -0.3813



43.6664, 78.1542, 2.0605

Previews

White Background



This preview shows how the HunterLab color 16.7586, 0.1951, -20.0758 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



This preview shows how the HunterLab color 16.7586, 0.1951, -20.0758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

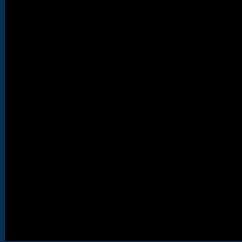
Any Text WCAG AA × Fail

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 16.7586, 0.1951, -20.0758 Background



This preview shows how black text looks on a background with the HunterLab color 16.7586, 0.1951, -20.0758.



This preview shows how white text looks on a background with the HunterLab color 16.7586, 0.1951, -20.0758.

-20.0758.

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

16.7586, 0.1951, -20.0758

Protanopia

16.8954, 2.9073, -18.2565

Deuteranopia

16.7586, 0.1951, -20.0758



Tritanopia

16.5575, -8.0418, -3.3355

Trichromacy



Original Color

16.7586, 0.1951, -20.0758

Protanomaly

16.8302, 1.5802, -19.1495

Deuteranomaly

16.7586, 0.1951, -20.0758

Tritanomaly

16.6907, -5.4457, -8.6738

Monochromacy



Original Color

16.7586, 0.1951, -20.0758

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.0338, -1.8910, -5.5245

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.7586, 0.1951, -20.0758 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(6, 48, 85)` looks like.

```
.text, #text, p{  
    color:rgb(6, 48, 85)  
}
```

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(6, 48, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 48, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 16.7586, 0.1951, -20.0758 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(6, 48, 85) }
```


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

```
.border{ border-color:rgb(6, 48, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 48, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 48, 85); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 48, 85); box-shadow:4px  
4px 4px 4px rgb(6, 48, 85) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.7586, 0.1951, -20.0758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 48, 85) }
```

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

```
.background{ background-color: rgb(6, 48,  
85) }
```

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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