

Converting Colors

HunterLab(16.5595, -5.9713,
-7.8063)

Have a look what the booklet for
HunterLab(16.5595, -5.9713,
-7.8063) contains.

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Color

**HunterLab(16.5810, -6.0010,
-7.7704)**

Conversions

Conversions Part 1

Format	Color
Hex	003341
RGB	0, 51, 65
RGB Percent	0%, 20%, 25%
CMY	1.0000, 0.8000, 0.7451
CMYK	1.00, 0.22, 0.00, 0.75
HSL	193°, 100%, 13%
HSV	193°, 100%, 25%
XYZ	2.1380, 2.7493, 5.4190
YIQ	37.3470, -34.8900, -6.4580

Conversions

Conversions Part 2

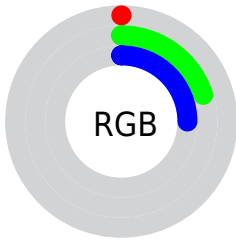
Format	Color
RYB	0, 29, 65
Decimal	13121
CIELab	19.01, -9.77, -13.20
CIELCh	19, 16.422, 233.514
Yxy	2.7494, 0.2074, 0.2668
Android (android.graphics.Color)	4278203201 (0xFF003341)
YUV	37.3470, 13.6329, -32.7533
Hunter-Lab	16.5810, -6.0010, -7.7704

Details

The HunterLab color **16.5810, -6.0010, -7.7704** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.9917, 13.8030, 7.6303**, and the grayscale version is **13.6789, -0.7299, 0.7432**.

A 20% lighter version of the original color is **32.5306, -8.1686, -8.5718**, and **2.8908, 5.1606, -14.7536** is the 20% darker color. If you saturate the color by 10%, you get **16.5810, -6.0009, -7.7706**, and if you desaturate by 10%, it is **17.0749, -6.0304, -6.9495**.

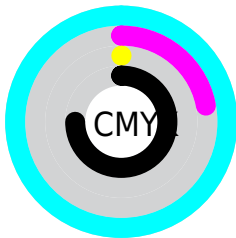
Distribution



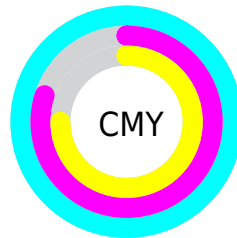
- Red (0%)
- Green (20%)
- Blue (25%)



- Red (0%)
- Yellow (11%)
- Blue (25%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (80%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5810, -6.0010, -7.7704 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 16.5810, -6.0010, -7.7704 by changing the saturation by 10% instead.

■ 16.5810, -6.0010,
-7.7704

■ 16.5810, -6.0010,
-7.7704

■ 111.8755,
-16.1087, -8.0130

■ 10.0117, -4.8658,
-7.3953

■ 32.6578, -8.3116,
-8.3098

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.9558, -9.4262,
-8.4597

0.0000, NaN, NaN

■ 51.9996, -10.5318,
-8.5365

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.7372, -11.6357,
-8.5461

0.0000, NaN, NaN

■ 74.1265, -12.7426,
-8.4941

0.0000, NaN, NaN

■ 86.1320, -13.8556,

0.0000, NaN, NaN

-8.3853

■ 98.7237, -14.9771,
-8.2238

■ 16.5810, -6.0010,
-7.7704

■ 16.5810, -6.0010,
-7.7704

■ 16.5810, -6.0009,
-7.7706

■ 17.0749, -6.0304,
-6.9495

■ 17.5701, -6.0596,
-6.1555

■ 18.1017, -5.9568,
-5.3305

■ 18.6769, -5.6976,
-4.4671

■ 19.2952, -5.2859,
-3.5700

■ 19.9559, -4.7285,
-2.6445

■ 20.6575, -4.0342,
-1.6953

■ 21.3985, -3.2123,
-0.7272

■ 22.1773, -2.2730,
0.2557

Harmonies

Analogous

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



16.5813, -8.4946, -2.9752



16.5810, -6.0010, -7.7704



16.5813, -1.9103, -10.3360

Triad

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



16.5813, -6.0009, -7.7701



16.5813, 9.2619, -0.1149



16.5813, -4.3931, 7.0813

Complementary

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



16.5810, -6.0010, -7.7704



11.9917, 13.8030, 7.6303

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.



16.5813, 0.1646, 7.4481



16.5810, -6.0010, -7.7704



16.5813, 8.4041, 4.0236

Square

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



16.5813, -6.0009, -7.7701



16.5813, 7.1633, -5.1781



16.5813, 4.9364, 6.5024



16.5813, -7.6424, 5.3024

Rectangle

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



16.5810, -6.0010, -7.7704



16.5813, 1.3156, -10.0372



16.5813, 4.9364, 6.5024



16.5813, -2.9777, 7.3483

Sweetspot

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



16.5813, -6.0009, -7.7701



26.6832, -5.3578, -2.3573



19.5185, -16.2051, 10.5865



13.9180, -2.9022, -1.3548



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



16.5813, -6.0009, -7.7701



21.3115, -7.5126, -10.4199



9.2985, 6.6802, -26.0415



12.0036, -1.1455, 0.2150



24.5643, -8.5478, -12.2511



60.3989, -19.8533, -32.6358

Inverse Universe

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



11.6745, 22.0383, -8.3268



15.1175, 28.4930, -10.4157



17.4330, 1.6192, 10.7701



11.6306, 0.5006, 0.0499



17.4874, 32.9338, -11.8476



43.6446, 81.9306, -27.5173

Previews

White Background



This preview shows how the HunterLab color 16.5810, -6.0010, -7.7704 looks on a white background.

Color Contrast Check

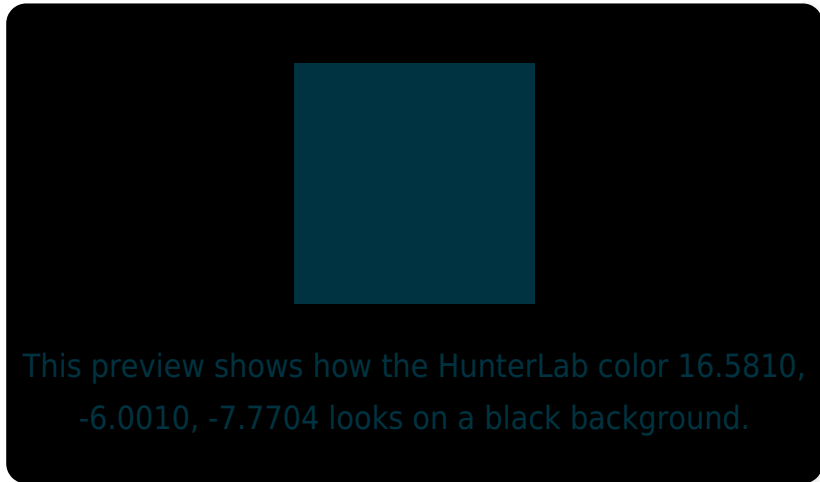
Large Text (above 18pt) WCAG AA ✓ Pass

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

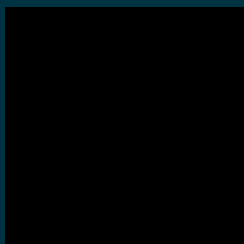
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

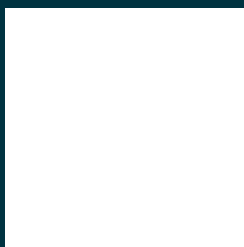
Any Text WCAG AAA × Fail

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

HunterLab 16.5810, -6.0010, -7.7704 Background



This preview shows how black text looks on a background with the HunterLab color 16.5810, -6.0010, -7.7704.



This preview shows how white text looks on a background with the HunterLab color 16.5810, -6.0010, -7.7704.

-7.7704.

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

16.5810, -6.0010, -7.7704

Protanopia

16.7467, 0.7040, -5.2989

Deuteranopia

16.7286, 0.9801, -7.9427



Tritanopia

16.5575, -8.0418, -3.3355

Trichromacy



Original Color

16.5810, -6.0010, -7.7704

Protanomaly

16.4156, -2.8645, -6.3955

Deuteranomaly

16.4740, -2.3782, -8.4406

Tritanomaly

16.6486, -7.5051, -4.6080

Monochromacy



Original Color

16.5810, -6.0010, -7.7704

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

14.3365, -3.7017, -2.3527

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5810, -6.0010, -7.7704 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, 51, 65)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 65)  
}
```

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, 51, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5810, -6.0010, -7.7704 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, 51, 65) }
```


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

```
.border{ border-color:rgb(0, 51, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 65); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 65); box-shadow:4px  
4px 4px 4px rgb(0, 51, 65) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.5810, -6.0010, -7.7704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 65) }
```

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

```
.background{ background-color: rgb(0, 51,  
65) }
```

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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