

Converting Colors

HunterLab(16.4648, -6.0532,
-0.4906)

Have a look what the booklet for
HunterLab(16.4648, -6.0532,
-0.4906) contains.

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Color

**HunterLab(16.4609, -6.0792,
-0.4293)**

Conversions

Conversions Part 1

Format	Color
Hex	193231
RGB	25, 50, 49
RGB Percent	10%, 20%, 19%
CMY	0.9020, 0.8039, 0.8078
CMYK	0.50, 0.00, 0.02, 0.80
HSL	178°, 33%, 15%
HSV	178°, 50%, 20%
XYZ	2.0959, 2.7096, 3.3183
YIQ	42.4110, -14.5790, -5.6110

Conversions

Conversions Part 2

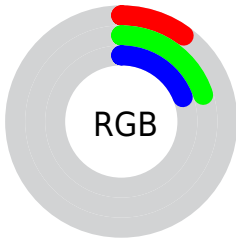
Format	Color
R_{YB}	25, 38, 50
Decimal	1651249
CIE _{Lab}	18.84, -9.97, -2.40
CIE _{LCh}	19, 10.253, 193.536
Yxy	2.7097, 0.2580, 0.3335
Android (android.graphics.Color)	4279841329 (0xFF193231)
YUV	42.4110, 3.2484, -15.2694
Hunter-Lab	16.4609, -6.0792, -0.4293

Details

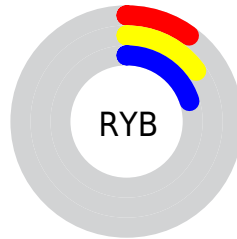
The HunterLab color **16.4609, -6.0792, -0.4293** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.0334, 6.3774, 2.7109**, and the grayscale version is **15.3437, -0.8187, 0.8337**.

A 20% lighter version of the original color is **32.3945, -8.3428, 0.0002**, and **0.4681, 1.2698, -3.3263** is the 20% darker color. If you saturate the color by 10%, you get **16.2791, -6.7851, -0.5903**, and if you desaturate by 10%, it is **16.6756, -5.2614, -0.2270**.

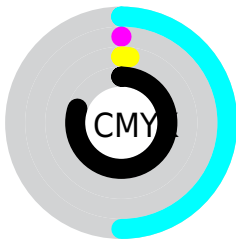
Distribution



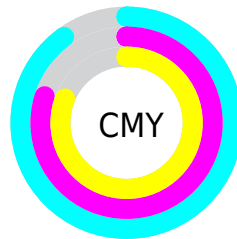
- Red (10%)
- Green (20%)
- Blue (19%)



- Red (10%)
- Yellow (15%)
- Blue (20%)



- Cyan (50%)
- Magenta (0%)
- Yellow (2%)
- Black (80%)



- Cyan (90%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4609, -6.0792, -0.4293 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 16.4609, -6.0792, -0.4293 by changing the saturation by 10% instead.

■ 16.4609, -6.0792,
-0.4293

■ 16.4609, -6.0792,
-0.4293

■ 111.6484,
-16.2961, 3.6396

■ 9.9103, -4.9687,
-0.5973

■ 32.5072, -8.4231,
0.1308

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.7921, -9.5512,
0.4999

0.0000, NaN, NaN

■ 51.8237, -10.6692,
0.9194

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.5500, -11.7844,
1.3847

0.0000, NaN, NaN

■ 73.9285, -12.9018,
1.8920

0.0000, NaN, NaN

■ 85.9239, -14.0247,

0.0000, NaN, NaN

2.4384

■ 98.5060, -15.1556,
3.0217

■ 16.4609, -6.0792,
-0.4293

■ 16.4609, -6.0792,
-0.4293

■ 16.2791, -6.7851,
-0.5903

■ 16.6756, -5.2614,
-0.2270

■ 16.1283, -7.3776,
-0.7108

■ 16.9227, -4.3345,
0.0154

■ 16.0079, -7.8576,
-0.7915

■ 17.2026, -3.3033,
0.2969

■ 15.9016, -8.2860,
-0.8536

■ 17.5151, -2.1738,
0.6159

■ 15.7946, -8.7204,
-0.9168

■ 17.8598, -0.9528,
0.9704

■ 15.7945, -8.7205,
-0.9168

■ 18.2362, 0.3521,
1.3582

■ 18.6434, 1.7333,
1.7767

■ 19.0805, 3.1829,
2.2235

■ 19.5466, 4.6933,
2.6961

Harmonies

Analogous

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



16.4612, -6.0133, 2.3648



16.4609, -6.0792, -0.4293



16.4612, -4.8240, -3.3098

Triad

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



16.4612, -6.0793, -0.4291



16.4612, 3.2489, -3.5568



16.4612, 0.7735, 5.3067

Complementary

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



16.4609, -6.0792, -0.4293



12.0334, 6.3774, 2.7109

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.



16.4612, 3.4761, 4.2206



16.4609, -6.0792, -0.4293



16.4612, 4.9732, -0.7219

Square

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



16.4612, -6.0793, -0.4291



16.4612, 0.4811, -5.3204



16.4612, 5.0592, 2.1194



16.4612, -2.1967, 5.3569

Rectangle

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



16.4609, -6.0792, -0.4293



16.4612, -3.3515, -4.7572



16.4612, 5.0592, 2.1194



16.4612, 1.7482, 5.0607

Sweetspot

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



16.4612, -6.0793, -0.4291



21.8886, -3.5796, 0.5407



16.0449, -8.6259, 6.3371



12.0037, -1.9998, 0.2869



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.



16.4612, -6.0793, -0.4291



20.4987, -8.8069, -0.7962



13.6811, -1.8394, -4.6799



9.8505, -1.1032, 0.3784



28.0235, -15.5368, -1.4875



73.5219, -40.9140, -3.5745

Inverse Universe

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



12.0334, 6.3774, 2.7109



13.7030, 10.6011, 4.1347



14.2314, 1.8037, 4.9690



9.4126, 0.1011, 0.6784



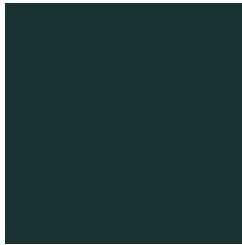
14.6426, 25.1294, 9.0473



38.3829, 65.7814, 24.4181

Previews

White Background



This preview shows how the HunterLab color 16.4609, -6.0792, -0.4293 looks on a white background.

Color Contrast Check

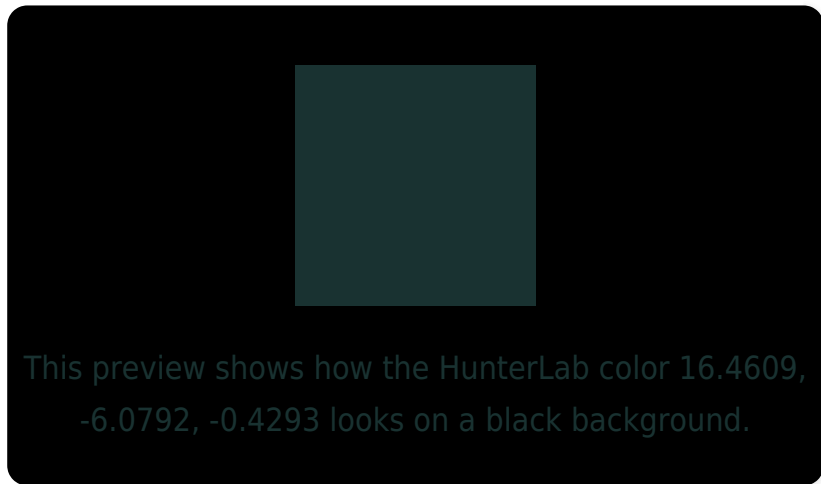
Large Text (above 18pt) WCAG AA ✓ Pass

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

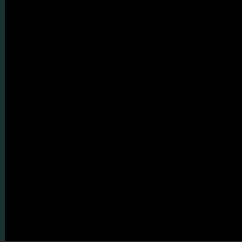
Any Text WCAG AA × Fail

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 16.4609, -6.0792, -0.4293 Background



This preview shows how black text looks on a background with the HunterLab color 16.4609, -6.0792, -0.4293.



This preview shows how white text looks on a background with the HunterLab color 16.4609, -6.0792, -0.4293.

-0.4293.

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

16.4609, -6.0792, -0.4293

Protanopia

16.5290, -0.8819, 0.8981

Deuteranopia

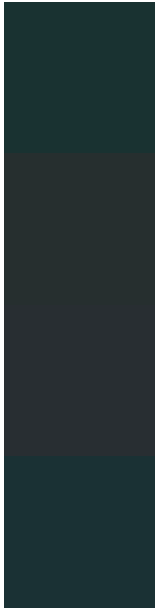
16.3096, 0.9571, -0.9032



Tritanopia

16.3502, -4.9558, -2.2257

Trichromacy



Original Color

16.4609, -6.0792, -0.4293

Protanomaly

16.2799, -2.9542, 0.1855

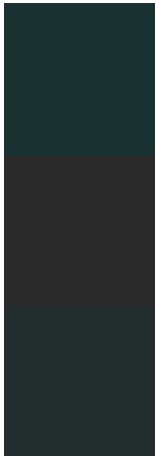
Deuteranomaly

16.2339, -1.7145, -1.0478

Tritanomaly

16.3223, -5.1157, -1.8330

Monochromacy



Original Color

16.4609, -6.0792, -0.4293

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.6247, -2.8999, 0.1564

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4609, -6.0792, -0.4293 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(25, 50, 49)` looks like.

```
.text, #text, p{  
    color:rgb(25, 50, 49)  
}
```

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(25, 50, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 50, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4609, -6.0792, -0.4293 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(25, 50, 49) }
```


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

```
.border{ border-color:rgb(25, 50, 49) }
```

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

Here you see how a box with a 4 pixel rgb(25, 50, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 50, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 50, 49);  
box-shadow:4px 4px 4px 4px rgb(25, 50, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.4609, -6.0792, -0.4293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 50, 49) }
```

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

```
.background{ background-color: rgb(25, 50,  
49) }
```

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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