

Converting Colors

HunterLab(16.8172, 1.9958,
-6.5719)

Have a look what the booklet for
HunterLab(16.8172, 1.9958, -6.5719)
contains.

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Color

**HunterLab(16.7476, 2.0907,
-6.8153)**

Conversions

Conversions Part 1

Format	Color
Hex	2D2D40
RGB	45, 45, 64
RGB Percent	18%, 18%, 25%
CMY	0.8235, 0.8235, 0.7490
CMYK	0.30, 0.30, 0.00, 0.75
HSL	240°, 17%, 21%
HSV	240°, 30%, 25%
XYZ	2.9460, 2.8048, 5.2366
YIQ	47.1660, -6.0990, 5.9090

Conversions

Conversions Part 2

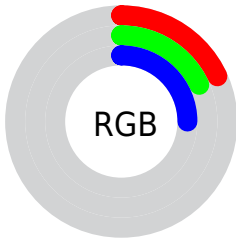
Format	Color
RYB	45, 45, 64
Decimal	2960704
CIELab	19.25, 5.14, -11.96
CIELCh	19, 13.024, 293.263
Yxy	2.8049, 0.2681, 0.2553
Android (android.graphics.Color)	4281150784 (0xFF2D2D40)
YUV	47.1660, 8.2992, -1.8996
Hunter-Lab	16.7476, 2.0907, -6.8153

Details

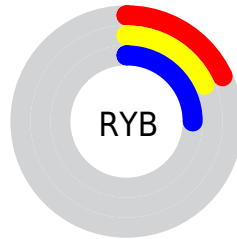
The HunterLab color **16.7476, 2.0907, -6.8153** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22.2402, -3.4338, 7.0255**, and the grayscale version is **16.8902, -0.9012, 0.9177**.

A 20% lighter version of the original color is **32.9790, 1.7168, -7.2074**, and **2.4068, 6.5285, -17.1014** is the 20% darker color. If you saturate the color by 10%, you get **14.8954, 3.4075, -10.0690**, and if you desaturate by 10%, it is **18.6743, 0.8934, -3.8776**.

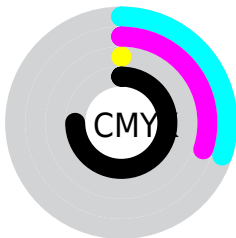
Distribution



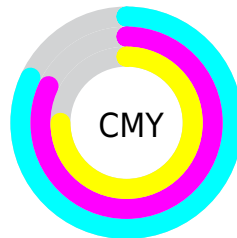
- Red (18%)
- Green (18%)
- Blue (25%)



- Red (18%)
- Yellow (18%)
- Blue (25%)



- Cyan (30%)
- Magenta (30%)
- Yellow (0%)
- Black (75%)



- Cyan (82%)
- Magenta (82%)
- Yellow (75%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.7476, 2.0907, -6.8153 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 16.7476, 2.0907, -6.8153 by changing the saturation by 10% instead.

■ 16.7476, 2.0907,
-6.8153

■ 16.7476, 2.0907,
-6.8153

■ 112.1900, -0.4995,
-6.6118

■ 10.1526, 2.0177,
-6.4744

■ 32.8665, 1.9366,
-7.2533

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.1828, 1.7461,
-7.3503

0.0000, NaN, NaN

■ 52.2433, 1.4940,
-7.3749

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.9966, 1.1870,
-7.3338

0.0000, NaN, NaN

■ 74.4007, 0.8304,
-7.2324

0.0000, NaN, NaN

■ 86.4203, 0.4284,

0.0000, NaN, NaN

-7.0757

99.0254, -0.0158,
-6.8677

16.7476, 2.0907,
-6.8153

16.7476, 2.0907,
-6.8153

14.8954, 3.4075,
-10.0690

18.6743, 0.8934,
-3.8776

13.1315, 4.8764,
-13.7236

20.6636, -0.2098,
-1.1885

11.4769, 6.5324,
-17.8717

22.7077, -1.2395,
1.3059

9.9605, 8.4033,
-22.5879

24.8004, -2.2116,
3.6471

8.6233, 10.4805,
-27.8527

26.9367, -3.1383,
5.8669

■ 7.4570, 12.7953,
-33.7472

■ 29.1127, -4.0289,
7.9901

■ 6.1305, 16.3533,
-42.8467

■ 31.3251, -4.8908,
10.0360

■ 6.0843, 16.5027,
-43.2294

■ 33.5713, -5.7298,
12.0197

■ 35.8489, -6.5504,
13.9530

Harmonies

Analogous

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



16.7479, -1.7433, -7.5657



16.7476, 2.0907, -6.8153



16.7479, 5.3734, -3.8023

Triad

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



16.7479, 2.0905, -6.8149



16.7479, 3.7046, 5.5806



16.7479, -7.5515, 1.7069

Complementary

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



16.7476, 2.0907, -6.8153



22.2402, -3.4338, 7.0255

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.



16.7479, -6.3577, 4.5595



16.7476, 2.0907, -6.8153



16.7479, -0.0285, 6.4502

Square

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



16.7479, 2.0905, -6.8149



16.7479, 6.3618, 3.4313



16.7479, -3.6841, 6.1232



16.7479, -7.0933, -2.0729

Rectangle

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



16.7476, 2.0907, -6.8153



16.7479, 6.6939, -1.2164



16.7479, -3.6841, 6.1232



16.7479, -7.3339, 2.7926

Sweetspot

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



16.7479, 2.0905, -6.8149



27.2972, -0.3158, -1.4699



21.4273, -5.5748, -0.1854



14.2264, -0.1122, -0.9016



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.



16.7479, 2.0905, -6.8149



20.1189, 4.1155, -12.3394



17.4252, 4.2841, -5.6918



11.4211, -0.1795, -0.4923



9.2802, 25.1717, -65.9380



23.2457, 63.0530, -165.1684

Inverse Universe

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



17.7660, 4.3409, 2.7378



21.8671, 7.8089, 4.1962



21.5948, -5.7802, 6.3890



11.5712, 0.1803, 0.8960



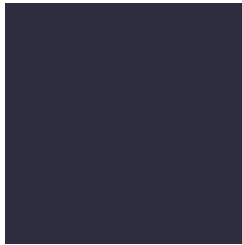
15.9245, 27.2712, 10.2899



39.8890, 68.3111, 25.7752

Previews

White Background



This preview shows how the HunterLab color 16.7476, 2.0907, -6.8153 looks on a white background.

Color Contrast Check

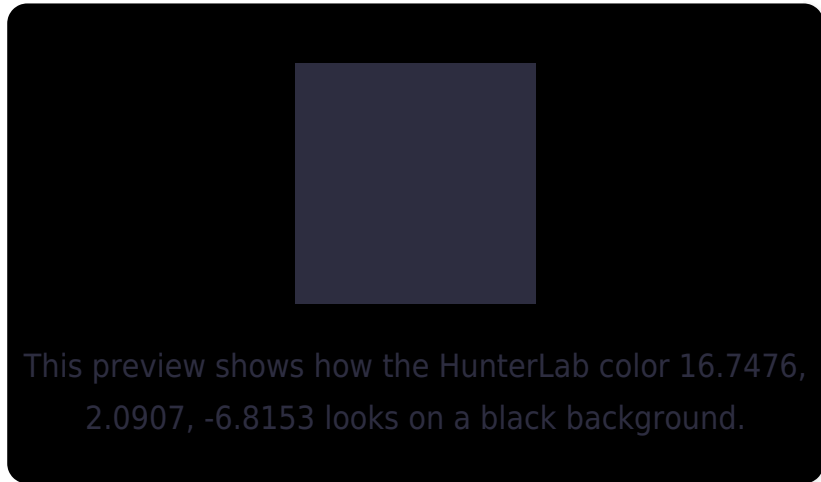
Large Text (above 18pt) WCAG AA ✓ Pass

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

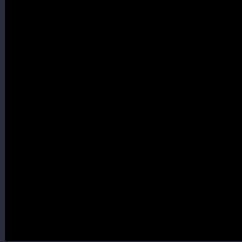
Any Text WCAG AA × Fail

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 16.7476, 2.0907, -6.8153 Background



This preview shows how black text looks on a background with the HunterLab color 16.7476, 2.0907, -6.8153.



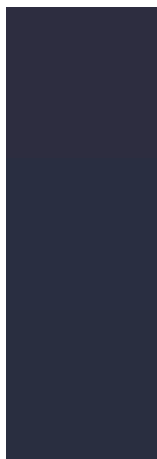
This preview shows how white text looks on a background with the HunterLab color 16.7476, 2.0907, -6.8153.

-6.8153.

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

16.7476, 2.0907, -6.8153

Protanopia

16.7543, 0.9968, -7.3563

Deuteranopia

16.7200, 0.8125, -6.8831



Tritanopia

16.6261, -1.5158, -0.9504

Trichromacy



Original Color

16.7476, 2.0907, -6.8153

Protanomaly

16.8163, 1.2052, -7.2491

Deuteranomaly

16.7821, 1.0219, -6.7775

Tritanomaly

16.5925, -0.1297, -3.1472

Monochromacy



Original Color

16.7476, 2.0907, -6.8153

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.7089, 0.0981, -1.6539

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.7476, 2.0907, -6.8153 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(45, 45, 64)` looks like.

```
.text, #text, p{  
    color:rgb(45, 45, 64)  
}
```

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(45, 45, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 45, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 16.7476, 2.0907, -6.8153 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(45, 45, 64) }
```


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

```
.border{ border-color:rgb(45, 45, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 45, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 45, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 45, 64);  
box-shadow:4px 4px 4px 4px rgb(45, 45, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.7476, 2.0907, -6.8153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 45, 64) }
```

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

```
.background{ background-color: rgb(45, 45,  
64) }
```

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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