

Converting Colors

HunterLab(16.7129, -0.6183,
-6.0105)

Have a look what the booklet for
HunterLab(16.7129, -0.6183,
-6.0105) contains.

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Color

**HunterLab(16.7120, -0.5639,
-5.8807)**

Conversions

Conversions Part 1

Format	Color
Hex	262F3E
RGB	38, 47, 62
RGB Percent	15%, 18%, 24%
CMY	0.8510, 0.8157, 0.7569
CMYK	0.39, 0.24, 0.00, 0.76
HSL	217°, 24%, 20%
HSV	217°, 39%, 24%
XYZ	2.6854, 2.7929, 4.9550
YIQ	46.0190, -10.1790, 2.7570

Conversions

Conversions Part 2

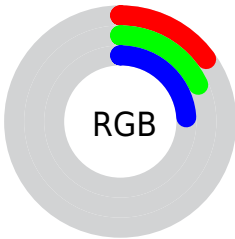
Format	Color
RYB	38, 45, 62
Decimal	2502462
CIELab	19.20, 0.58, -10.72
CIELCh	19, 10.739, 273.116
Yxy	2.7930, 0.2574, 0.2677
Android (android.graphics.Color)	4280692542 (0xFF262F3E)
YUV	46.0190, 7.8786, -7.0327
Hunter-Lab	16.7120, -0.5639, -5.8807

Details

The HunterLab color **16.7120, -0.5639, -5.8807** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.2622, -0.2591, 6.2202**, and the grayscale version is **16.5129, -0.8811, 0.8972**.

A 20% lighter version of the original color is **32.9231, -1.3109, -6.3019**, and **2.6873, 4.4054, -12.8688** is the 20% darker color. If you saturate the color by 10%, you get **15.4553, -0.1655, -7.9631**, and if you desaturate by 10%, it is **18.0127, -0.8489, -3.9168**.

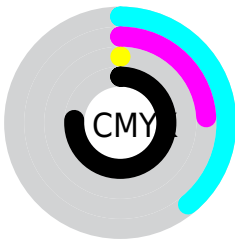
Distribution



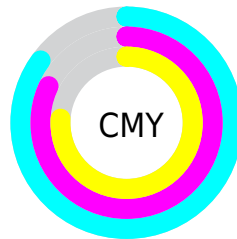
- Red (15%)
- Green (18%)
- Blue (24%)



- Red (15%)
- Yellow (18%)
- Blue (24%)



- Cyan (39%)
- Magenta (24%)
- Yellow (0%)
- Black (76%)



- Cyan (85%)
- Magenta (82%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.7120, -0.5639, -5.8807 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 16.7120, -0.5639, -5.8807 by changing the saturation by 10% instead.

■ 16.7120, -0.5639,
-5.8807

■ 16.7120, -0.5639,
-5.8807

■ 112.1229, -5.3706,
-5.2294

■ 10.1225, -0.2622,
-5.5814

■ 32.8219, -1.3422,
-6.2137

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 42.1343, -1.8040,
-6.2575

0.0000, NaN, NaN

■ 52.1912, -2.3083,
-6.2301

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.9412, -2.8517,
-6.1384

0.0000, NaN, NaN

■ 74.3421, -3.4316,
-5.9882

0.0000, NaN, NaN

■ 86.3588, -4.0459,

0.0000, NaN, NaN

-5.7840

98.9610, -4.6928,
-5.5299

16.7120, -0.5639,
-5.8807

16.7120, -0.5639,
-5.8807

15.4553, -0.1655,
-7.9631

18.0127, -0.8489,
-3.9168

14.2471, 0.3658,
-10.1809

19.3518, -1.0363,
-2.0568

13.0945, 1.0510,
-12.5486

20.7258, -1.1400,
-0.2863

12.0053, 1.9127,
-15.0768

22.1315, -1.1715,
1.4073

10.9813, 2.9480,
-17.7886

23.5660, -1.1405,
3.0350

■ 9.9802, 4.0163,
-20.8549

■ 25.0271, -1.0550,
4.6063

■ 9.8520, 4.1551,
-21.2838

■ 26.5128, -0.9218,
6.1291

■ 28.0214, -0.7466,
7.6105

■ 29.5514, -0.5341,
9.0562

Harmonies

Analogous

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



16.7123, -3.5293, -5.0483



16.7120, -0.5639, -5.8807



16.7123, 2.5261, -4.6344

Triad

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



16.7123, -0.5641, -5.8804



16.7123, 4.4559, 3.7464



16.7123, -5.9315, 3.2982

Complementary

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



16.7120, -0.5639, -5.8807



19.2622, -0.2591, 6.2202

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.



16.7123, -4.0568, 5.0314



16.7120, -0.5639, -5.8807



16.7123, 1.9184, 5.2548

Square

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



16.7123, -0.5641, -5.8804



16.7123, 5.5551, 1.2181



16.7123, -1.2187, 5.6782



16.7123, -6.4903, 0.5953

Rectangle

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



16.7120, -0.5639, -5.8807



16.7123, 4.2016, -2.9065



16.7123, -1.2187, 5.6782



16.7123, -5.4415, 3.9955

Sweetspot

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



16.7123, -0.5641, -5.8804



26.5914, -1.4606, -1.2613



20.2795, -7.6746, 2.5847



13.6201, -0.7478, -0.6731



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



16.7123, -0.5641, -5.8804



20.4458, -0.2526, -10.3236



14.8372, 3.7406, -9.0038



10.9579, -0.6025, -0.1237



14.2799, 8.1164, -35.3696



33.8860, 26.4206, -99.3891

Inverse Universe

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



16.1731, 6.9366, 0.2278



19.7206, 11.7904, 0.2667



21.2631, -4.5708, 7.9088



10.8681, 0.2867, 0.4705



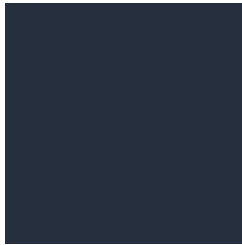
15.8804, 27.9742, 4.2266



40.1665, 70.3488, 13.8432

Previews

White Background



This preview shows how the HunterLab color 16.7120, -0.5639, -5.8807 looks on a white background.

Color Contrast Check

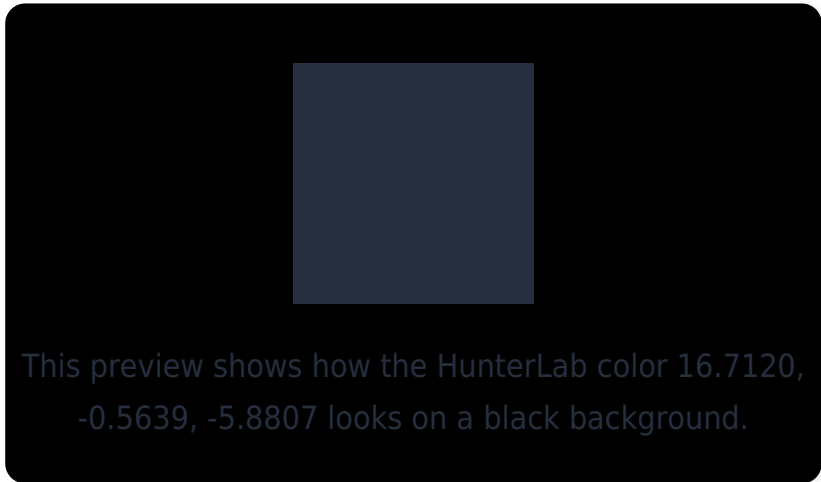
Large Text (above 18pt) WCAG AA ✓ Pass

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

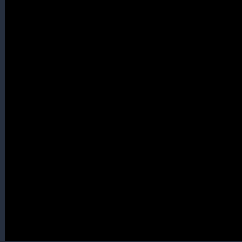
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

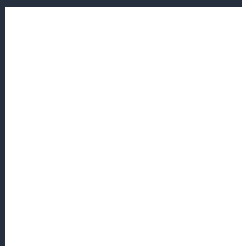
Any Text WCAG AAA × Fail

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

HunterLab 16.7120, -0.5639, -5.8807 Background



This preview shows how black text looks on a background with the HunterLab color 16.7120, -0.5639, -5.8807.



This preview shows how white text looks on a background with the HunterLab color 16.7120, -0.5639, -5.8807.

-5.8807.

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

16.7120, -0.5639, -5.8807

Protanopia

16.6828, 0.4875, -5.4019

Deuteranopia

16.7154, 0.6631, -5.8538



Tritanopia

16.8188, -3.2349, -1.5664

Trichromacy



Original Color

16.7120, -0.5639, -5.8807

Protanomaly

16.6203, 0.2748, -5.5032

Deuteranomaly

16.6530, 0.4514, -5.9566

Tritanomaly

16.7115, -2.1819, -3.0145

Monochromacy



Original Color

16.7120, -0.5639, -5.8807

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.4788, -0.7494, -1.5480

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.7120, -0.5639, -5.8807 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(38, 47, 62)` looks like.

```
.text, #text, p{  
    color:rgb(38, 47, 62)  
}
```

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(38, 47, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 47, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 16.7120, -0.5639, -5.8807 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(38, 47, 62) }
```


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

```
.border{ border-color:rgb(38, 47, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 47, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 47, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 47, 62);  
box-shadow:4px 4px 4px 4px rgb(38, 47, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.7120, -0.5639, -5.8807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 47, 62) }
```

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

```
.background{ background-color: rgb(38, 47,  
62) }
```

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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