

Converting Colors

HunterLab(17.7306, 0.5113,
-3.3332)

Have a look what the booklet for
HunterLab(17.7306, 0.5113, -3.3332)
contains.

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Color

**HunterLab(17.7518, 0.4363,
-3.3320)**

Conversions

Conversions Part 1

Format	Color
Hex	30313C
RGB	48, 49, 60
RGB Percent	19%, 19%, 24%
CMY	0.8118, 0.8078, 0.7647
CMYK	0.20, 0.18, 0.00, 0.76
HSL	235°, 11%, 21%
HSV	235°, 20%, 24%
XYZ	3.1329, 3.1513, 4.7181
YIQ	49.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

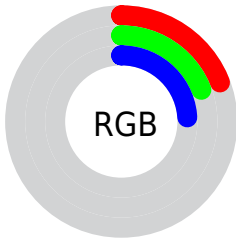
Format	Color
R_{YB}	48, 49, 60
Decimal	3158332
CIE Lab	20.64, 2.38, -7.08
CIE LCh	21, 7.466, 288.616
Yxy	3.1514, 0.2847, 0.2864
Android (android.graphics.Color)	4281348412 (0xFF30313C)
YUV	49.9550, 4.9522, -1.7145
Hunter-Lab	17.7518, 0.4363, -3.3320

Details

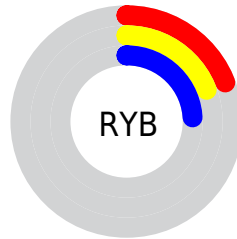
The HunterLab color **17.7518, 0.4363, -3.3320** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.7413, -2.2088, 4.7484**, and the grayscale version is **17.8297, -0.9513, 0.9687**.

A 20% lighter version of the original color is **34.0964, -0.1861, -3.1811**, and **2.5570, 3.9049, -11.6255** is the 20% darker color. If you saturate the color by 10%, you get **16.0716, 1.3374, -5.8444**, and if you desaturate by 10%, it is **19.4827, -0.3824, -1.0113**.

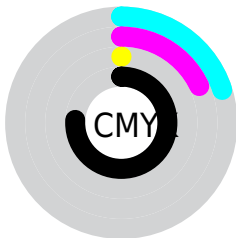
Distribution



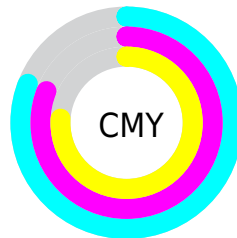
- Red (19%)
- Green (19%)
- Blue (24%)



- Red (19%)
- Yellow (19%)
- Blue (24%)



- Cyan (20%)
- Magenta (18%)
- Yellow (0%)
- Black (76%)



- Cyan (81%)
- Magenta (81%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7518, 0.4363, -3.3320 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 17.7518, 0.4363, -3.3320 by changing the saturation by 10% instead.

■ 17.7518, 0.4363,
-3.3320

■ 17.7518, 0.4363,
-3.3320

■ 114.0698, -3.5467,
-1.1840

■ 11.0058, 0.5991,
-3.2160

■ 34.1194, -0.1105,
-3.2856

■ 2.6624, 3.7584,
-10.8708

■ 43.5430, -0.4716,
-3.1492

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.7030, -0.8821,
-2.9493

0.0000, NaN, NaN

■ 64.5495, -1.3376,
-2.6925

0.0000, NaN, NaN

■ 76.0414, -1.8344,
-2.3837

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.1445, -2.3697,

-2.0272

0.0000, NaN, NaN

100.8291, -2.9411,
-1.6264

■ 17.7518, 0.4363,
-3.3320

■ 17.7518, 0.4363,
-3.3320

■ 16.0716, 1.3374,
-5.8444

■ 19.4827, -0.3824,
-1.0113

■ 14.4488, 2.3427,
-8.5981

■ 21.2574, -1.1343,
1.1551

■ 12.8940, 3.4781,
-11.6516

■ 23.0713, -1.8327,
3.1981

■ 11.4211, 4.7742,
-15.0716

■ 24.9210, -2.4876,
5.1418

■ 10.0491, 6.2621,
-18.9210

■ 26.8031, -3.1072,
7.0049

■ 8.8039, 7.9620,
-23.2260

■ 28.7153, -3.6977,
8.8026

■ 7.7011, 9.8125,
-27.9960

■ 30.6554, -4.2641,
10.5468

■ 6.5944, 12.0074,
-34.1627

■ 32.6217, -4.8104,
12.2472

■ 6.5944, 12.0076,
-34.1633

■ 34.6124, -5.3401,
13.9115

Harmonies

Analogous

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



17.7522, -1.7834, -3.4962



17.7518, 0.4363, -3.3320



17.7522, 2.3716, -1.9352

Triad

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



17.7522, 0.4360, -3.3317



17.7522, 1.9648, 3.7525



17.7522, -4.9444, 1.7498

Complementary

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



17.7518, 0.4363, -3.3320



20.7413, -2.2088, 4.7484

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.



17.7522, -4.0406, 3.4481



17.7518, 0.4363, -3.3320



17.7522, -0.0972, 4.5059

Square

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



17.7522, 0.4360, -3.3317



17.7522, 3.2837, 2.2150



17.7522, -2.2912, 4.4017



17.7522, -4.8174, -0.3803

Rectangle

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



17.7518, 0.4363, -3.3320



17.7522, 3.2067, -0.5800



17.7522, -2.2912, 4.4017



17.7522, -4.7529, 2.3849

Sweetspot

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



17.7522, 0.4360, -3.3317



26.5051, -0.8799, -0.2513



20.4301, -4.1320, 0.5872



14.0272, -0.4588, -0.1545



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.



17.7522, 0.4360, -3.3317



22.2187, 1.1695, -6.0530



17.8654, 2.0105, -3.1438



10.7615, -0.2735, -0.3643



9.9259, 20.7815, -57.2679



23.9057, 58.1398, -155.3873

Inverse Universe

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



18.1560, 2.3903, 1.7401



22.9094, 4.3888, 2.5250



20.6472, -3.8344, 4.6255



10.8483, 0.1795, 0.7535



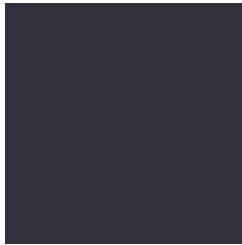
15.5418, 26.7267, 9.1828



39.4351, 67.6487, 24.5911

Previews

White Background



This preview shows how the HunterLab color 17.7518, 0.4363, -3.3320 looks on a white background.

Color Contrast Check

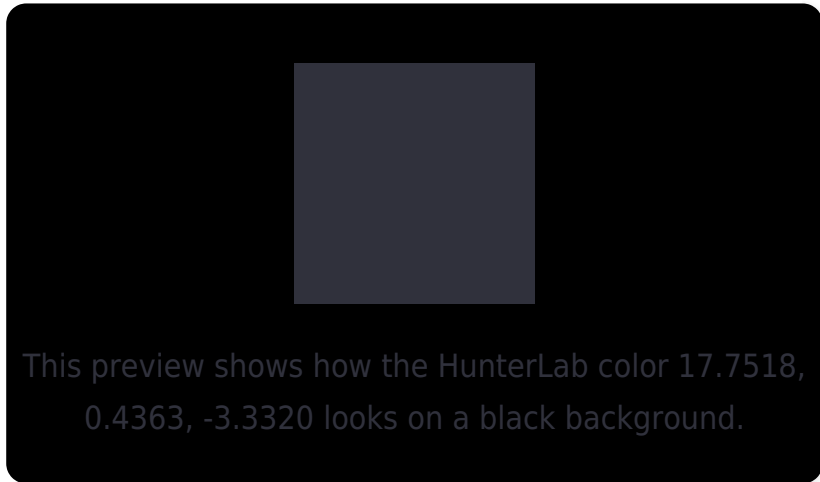
Large Text (above 18pt) WCAG AA ✓ Pass

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

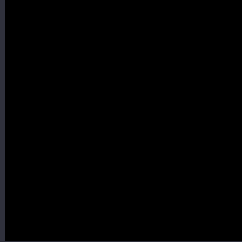
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

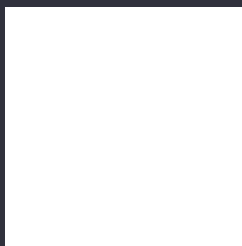
Any Text WCAG AAA × Fail

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

HunterLab 17.7518, 0.4363, -3.3320 Background



This preview shows how black text looks on a background with the HunterLab color 17.7518, 0.4363, -3.3320.



This preview shows how white text looks on a background with the HunterLab color 17.7518, 0.4363, -3.3320.

-3.3320.

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

17.7518, 0.4363, -3.3320

Protanopia

17.6839, 0.2051, -3.4326

Deuteranopia

17.8209, 0.6709, -3.2299



Tritanopia

17.7535, -1.1194, -0.7353

Trichromacy



Original Color

17.7518, 0.4363, -3.3320

Protanomaly

17.6839, 0.2051, -3.4326

Deuteranomaly

17.8209, 0.6709, -3.2299

Tritanomaly

17.8075, -0.8238, -1.4985

Monochromacy



Original Color

17.7518, 0.4363, -3.3320

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.8900, -0.6454, -0.5540

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7518, 0.4363, -3.3320 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(48, 49, 60)` looks like.

```
.text, #text, p{  
    color:rgb(48, 49, 60)  
}
```

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(48, 49, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 49, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7518, 0.4363, -3.3320 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(48, 49, 60) }
```


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

```
.border{ border-color:rgb(48, 49, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 49, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 49, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 49, 60);  
box-shadow:4px 4px 4px 4px rgb(48, 49, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.7518, 0.4363, -3.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 49, 60) }
```

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

```
.background{ background-color: rgb(48, 49,  
60) }
```

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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