

Converting Colors

HunterLab(16.4450, -0.7847,
-5.4772)

Have a look what the booklet for
HunterLab(16.4450, -0.7847,
-5.4772) contains.

HunterLab(16.3510, -0.7158, -5.4385)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(16.3510, -0.7158,
-5.4385)**

Conversions

Conversions Part 1

Format	Color
Hex	252E3C
RGB	37, 46, 60
RGB Percent	15%, 18%, 24%
CMY	0.8549, 0.8196, 0.7647
CMYK	0.38, 0.23, 0.00, 0.76
HSL	217°, 24%, 19%
HSV	217°, 38%, 24%
XYZ	2.5556, 2.6736, 4.6563
YIQ	44.9050, -9.8580, 2.4460

Conversions

Conversions Part 2

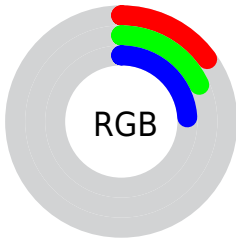
Format	Color
R_{YB}	37, 43, 60
Decimal	2436668
CIE _{Lab}	18.69, 0.28, -10.14
CIE _{LCh}	19, 10.140, 271.595
Yxy	2.6737, 0.2585, 0.2705
Android (android.graphics.Color)	4280626748 (0xFF252E3C)
YUV	44.9050, 7.4418, -6.9327
Hunter-Lab	16.3510, -0.7158, -5.4385

Details

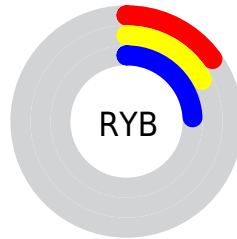
The HunterLab color **16.3510, -0.7158, -5.4385** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **18.6063, -0.1225, 5.8854**, and the grayscale version is **16.1468, -0.8616, 0.8773**.

A 20% lighter version of the original color is **32.4882, -1.6461, -5.3949**, and **2.4936, 3.6559, -11.0088** is the 20% darker color. If you saturate the color by 10%, you get **15.1603, -0.3788, -7.3839**, and if you desaturate by 10%, it is **17.5827, -0.9456, -3.5978**.

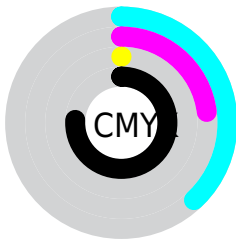
Distribution



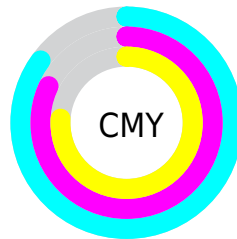
- Red (15%)
- Green (18%)
- Blue (24%)



- Red (15%)
- Yellow (17%)
- Blue (24%)



- Cyan (38%)
- Magenta (23%)
- Yellow (0%)
- Black (76%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3510, -0.7158, -5.4385 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 16.3510, -0.7158, -5.4385 by changing the saturation by 10% instead.

■ 16.3510, -0.7158,
-5.4385

■ 16.3510, -0.7158,
-5.4385

■ 111.4402, -5.6542,
-4.5973

■ 9.8175, -0.3915,
-5.1573

■ 32.3692, -1.5314,
-5.7276

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 41.6421, -2.0094,
-5.7491

0.0000, NaN, NaN

■ 51.6625, -2.5286,
-5.6997

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.3784, -3.0861,
-5.5866

0.0000, NaN, NaN

■ 73.7471, -3.6792,
-5.4154

0.0000, NaN, NaN

■ 85.7331, -4.3060,

0.0000, NaN, NaN

-5.1909

98.3063, -4.9648,
-4.9171

16.3510, -0.7158,
-5.4385

16.3510, -0.7158,
-5.4385

15.1603, -0.3788,
-7.3839

17.5827, -0.9456,
-3.5978

14.0148, 0.0831,
-9.4483

18.8504, -1.0827,
-1.8496

12.9205, 0.6891,
-11.6437

20.1508, -1.1399,
-0.1815

11.8845, 1.4597,
-13.9786

21.4810, -1.1278,
1.4173

10.9072, 2.3899,
-16.4756

22.8385, -1.0556,
2.9563

■ 9.9480, 3.3445,
-19.2908

■ 24.2211, -0.9306,
4.4439

■ 9.7890, 3.5041,
-19.7998

■ 25.6269, -0.7594,
5.8873

■ 27.0544, -0.5472,
7.2925

■ 28.5022, -0.2985,
8.6648

Harmonies

Analogous

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



16.3513, -3.4727, -4.5721



16.3510, -0.7158, -5.4385



16.3513, 2.1901, -4.3756

Triad

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



16.3513, -0.7160, -5.4382



16.3513, 4.2174, 3.4606



16.3513, -5.5478, 3.2438

Complementary

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



16.3510, -0.7158, -5.4385



18.6063, -0.1225, 5.8854

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.



16.3513, -3.7266, 4.8348



16.3510, -0.7158, -5.4385



16.3513, 1.8992, 4.9435

Square

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



16.3513, -0.7160, -5.4382



16.3513, 5.1599, 1.0388



16.3513, -1.0301, 5.3990



16.3513, -6.1416, 0.7399

Rectangle

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



16.3510, -0.7158, -5.4385



16.3513, 3.7890, -2.8091



16.3513, -1.0301, 5.3990



16.3513, -5.0655, 3.8865

Sweetspot

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



16.3513, -0.7160, -5.4382



25.9726, -1.4868, -0.9298



19.6529, -7.3987, 2.6011



13.7250, -0.7866, -0.5400



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.



16.3513, -0.7160, -5.4382



19.9752, -0.5054, -9.6846



14.4454, 3.4549, -8.5848



10.9690, -0.6208, -0.1103



14.6036, 7.3876, -34.2009



34.7160, 24.3825, -96.0267

Inverse Universe

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



15.7516, 6.6381, 0.0927



19.1417, 11.4267, 0.0392



20.6299, -4.2838, 7.6065



10.8692, 0.2927, 0.4545



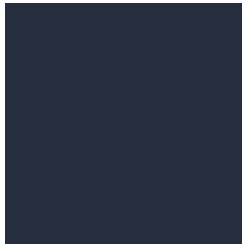
15.9101, 28.0828, 3.7973



40.2380, 70.6113, 12.8035

Previews

White Background



This preview shows how the HunterLab color 16.3510, -0.7158, -5.4385 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

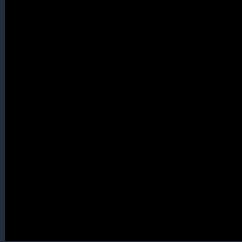
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

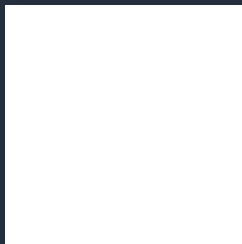
Any Text WCAG AAA × Fail

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

HunterLab 16.3510, -0.7158, -5.4385 Background



This preview shows how black text looks on a background with the HunterLab color 16.3510, -0.7158, -5.4385.



This preview shows how white text looks on a background with the HunterLab color 16.3510, -0.7158, -5.4385.

-5.4385.

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

16.3510, -0.7158, -5.4385

Protanopia

16.3853, 0.5503, -4.8659

Deuteranopia

16.4172, 0.7223, -5.3099



Tritanopia

16.4628, -3.3555, -1.1940

Trichromacy



Original Color

16.3510, -0.7158, -5.4385

Protanomaly

16.2593, 0.1214, -5.0671

Deuteranomaly

16.2915, 0.2956, -5.5140

Tritanomaly

16.3537, -2.3148, -2.6165

Monochromacy



Original Color

16.3510, -0.7158, -5.4385

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.1224, -0.8789, -1.1781

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3510, -0.7158, -5.4385 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(37, 46, 60)` looks like.

```
.text, #text, p{  
  color:rgb(37, 46, 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(37, 46, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 46, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3510, -0.7158, -5.4385 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(37, 46, 60) }
```


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

```
.border{ border-color:rgb(37, 46, 60) }
```

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

Here you see how a box with a 4 pixel rgb(37, 46, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 46, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 46, 60);  
box-shadow:4px 4px 4px 4px rgb(37, 46, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.3510, -0.7158, -5.4385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 46, 60) }
```

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

```
.background{ background-color: rgb(37, 46,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor