

Converting Colors

HunterLab(17.4718, -5.0521,
0.0936)

Have a look what the booklet for
HunterLab(17.4718, -5.0521, 0.0936)
contains.

HunterLab(17.4215, -5.0241, -0.0118)	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(17.4215, -5.0241,
-0.0118)**

Conversions

Conversions Part 1

Format	Color
Hex	223433
RGB	34, 52, 51
RGB Percent	13%, 20%, 20%
CMY	0.8667, 0.7961, 0.8000
CMYK	0.35, 0.00, 0.02, 0.80
HSL	177°, 21%, 17%
HSV	177°, 35%, 20%
XYZ	2.4852, 3.0351, 3.5868
YIQ	46.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

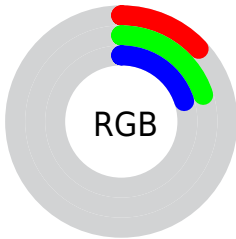
Format	Color
R_{YB}	34, 43, 52
Decimal	2241587
CIE Lab	20.18, -7.56, -1.73
CIE LCh	20, 7.756, 192.863
Yxy	3.0352, 0.2729, 0.3333
Android (android.graphics.Color)	4280431667 (0xFF223433)
YUV	46.5040, 2.2165, -10.9660
Hunter-Lab	17.4215, -5.0241, -0.0118




Details

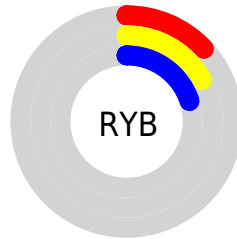
The HunterLab color **17.4215, -5.0241, -0.0118** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.1265, 4.2362, 2.1044**, and the grayscale version is **16.6914, -0.8906, 0.9069**.




A 20% lighter version of the original color is **33.5570, -6.8624, 0.5758**, and **1.8074, 0.6145, -3.5857** is the 20% darker color. If you saturate the color by 10%, you get **17.1781, -5.9510, -0.2142**, and if you desaturate by 10%, it is **17.7001, -3.9853, 0.2334**.

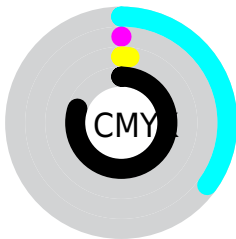
Distribution







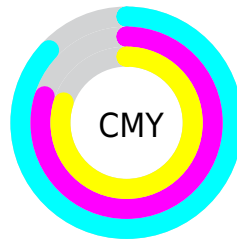
-  Red (13%)
-  Green (20%)
-  Blue (20%)






-  Red (13%)
-  Yellow (17%)
-  Blue (20%)



-  Cyan (35%)
-  Magenta (0%)
-  Yellow (2%)
-  Black (80%)



-  Cyan (87%)
-  Magenta (80%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.4215, -5.0241, -0.0118 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 17.4215, -5.0241, -0.0118 by changing the saturation by 10% instead.

■ 17.4215, -5.0241,
-0.0118

■ 17.4215, -5.0241,
-0.0118

■ 113.4544,
-13.9764, 4.4180

■ 10.7245, -3.9902,
-0.2413

■ 33.7082, -6.9916,
0.6504

■ 1.4286, -2.5001,
-4.9319

■ 43.0969, -7.9630,
1.0638

0.0000, NaN, NaN

■ 53.2245, -8.9379,
1.5243

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.0406, -9.9208,
2.0280

0.0000, NaN, NaN

■ 75.5040, -10.9145,
2.5715

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.5798, -11.9209,

100.2385,
-12.9412, 3.7685

17.4215, -5.0241,
-0.0118

17.4215, -5.0241,
-0.0118

17.1781, -5.9510,
-0.2142

17.7001, -3.9853,
0.2334

16.9687, -6.7611,
-0.3737

18.0129, -2.8398,
0.5192

16.7929, -7.4521,
-0.4901

18.3599, -1.5948,
0.8443

16.6497, -8.0238,
-0.5640

18.7405, -0.2580,
1.2062

16.5354, -8.4873,
-0.5999

19.1540, 1.1623,
1.6027

■ 16.4261, -8.9343,
-0.6293

■ 19.5995, 2.6578,
2.0311

■ 16.3670, -9.1775,
-0.6456

■ 20.0760, 4.2204,
2.4888

■ 20.5822, 5.8422,
2.9732

■ 21.1171, 7.5157,
3.4818

Harmonies

Analogous

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



17.4219, -4.9472, 2.1396



17.4215, -5.0241, -0.0118



17.4219, -4.0462, -2.1531

Triad

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



17.4219, -5.0243, -0.0115



17.4219, 2.1716, -2.4150



17.4219, 0.3879, 4.4994

Complementary

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



17.4215, -5.0241, -0.0118



14.1265, 4.2362, 2.1044

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.



17.4219, 2.4208, 3.5672



17.4215, -5.0241, -0.0118



17.4219, 3.4866, -0.3335

Square

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



17.4219, -5.0243, -0.0115



17.4219, 0.0620, -3.6567



17.4219, 3.5801, 1.8565



17.4219, -1.9013, 4.5621

Rectangle

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



17.4215, -5.0241, -0.0118



17.4219, -2.8965, -3.2128



17.4219, 3.5801, 1.8565



17.4219, 1.1267, 4.2834

Sweetspot

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



17.4219, -5.0243, -0.0115



23.8409, -3.0804, 0.8496



17.1244, -6.8606, 5.1918



12.9058, -1.7030, 0.4513



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



17.4219, -5.0243, -0.0115



22.5738, -7.7813, -0.2738



15.5062, -1.9513, -2.9021



9.8496, -1.1080, 0.3909



27.9840, -15.7728, -0.9286



73.4099, -41.5843, -1.9874

Inverse Universe

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



14.1265, 4.2362, 2.1044



17.1368, 7.6119, 3.2624



15.7716, 0.9873, 4.0462



9.4134, 0.1057, 0.6663



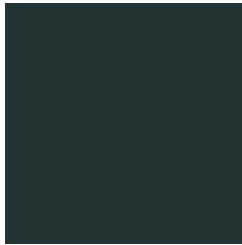
14.6530, 25.1680, 8.8931



38.3928, 65.8184, 24.2700

Previews

White Background



This preview shows how the HunterLab color 17.4215, -5.0241, -0.0118 looks on a white background.

Color Contrast Check

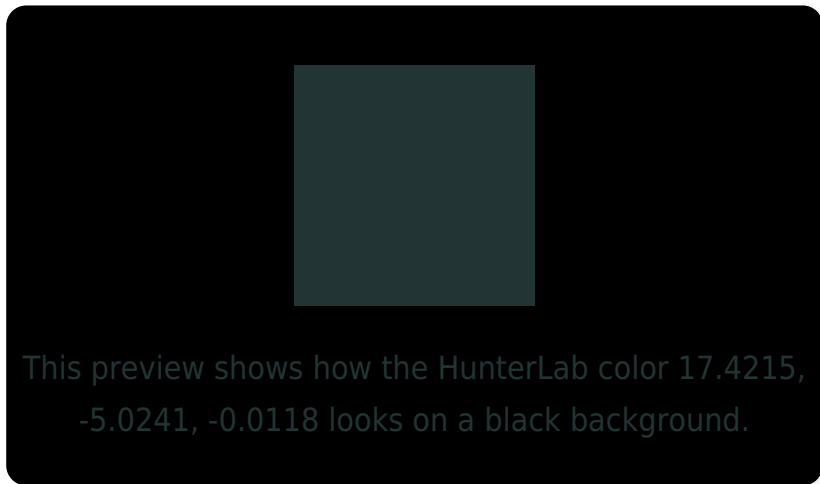
Large Text (above 18pt) WCAG AA ✓ Pass

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

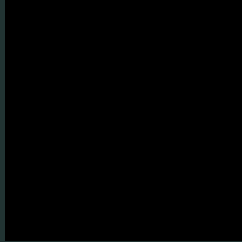
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

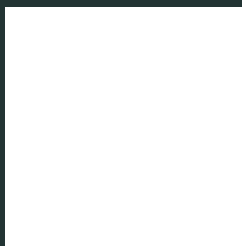
Any Text WCAG AAA × Fail

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

HunterLab 17.4215, -5.0241, -0.0118 Background



This preview shows how black text looks on a background with the HunterLab color 17.4215, -5.0241, -0.0118.



This preview shows how white text looks on a background with the HunterLab color 17.4215, -5.0241, -0.0118.

-0.0118.

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

17.4215, -5.0241, -0.0118

Protanopia

17.2876, -0.5376, 0.6776

Deuteranopia

17.3523, 1.0342, -0.3901



Tritanopia

17.3229, -3.8685, -1.7644

Trichromacy



Original Color

17.4215, -5.0241, -0.0118

Protanomaly

17.2116, -1.9866, 0.1759

Deuteranomaly

17.3276, -1.4756, -0.4652

Tritanomaly

17.2954, -4.0235, -1.3771

Monochromacy



Original Color

17.4215, -5.0241, -0.0118

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.0360, -2.7106, 0.7182

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.4215, -5.0241, -0.0118 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(34, 52, 51)` looks like.

```
.text, #text, p{  
    color:rgb(34, 52, 51)  
}
```

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(34, 52, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 52, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 17.4215, -5.0241, -0.0118 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(34, 52, 51) }
```


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

```
.border{ border-color:rgb(34, 52, 51) }
```

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

Here you see how a box with a 4 pixel rgb(34, 52, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 52, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 52, 51);  
box-shadow:4px 4px 4px 4px rgb(34, 52, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.4215, -5.0241, -0.0118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 52, 51) }
```

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

```
.background{ background-color: rgb(34, 52,  
51) }
```

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