

Converting Colors

HunterLab(17.6828, -1.4576,
-0.4295)

Have a look what the booklet for
HunterLab(17.6828, -1.4576,
-0.4295) contains.

HunterLab(17.6609, -1.4959, -0.4509)	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(17.6609, -1.4959,
-0.4509)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3235
RGB	46, 50, 53
RGB Percent	18%, 20%, 21%
CMY	0.8196, 0.8039, 0.7922
CMYK	0.13, 0.06, 0.00, 0.79
HSL	206°, 7%, 19%
HSV	206°, 13%, 21%
XYZ	2.9099, 3.1191, 3.8168
YIQ	49.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

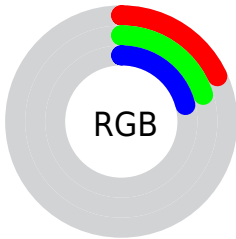
Format	Color
RYB	46, 49, 53
Decimal	3027509
CIELab	20.52, -0.97, -2.50
CIElCh	21, 2.682, 248.698
Yxy	3.1192, 0.2955, 0.3168
Android (android.graphics.Color)	4281217589 (0xFF2E3235)
YUV	49.1460, 1.9000, -2.7590
Hunter-Lab	17.6609, -1.4959, -0.4509

Details

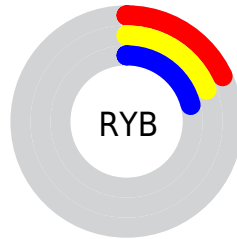
The HunterLab color **17.6609, -1.4959, -0.4509** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.7503, -0.2947, 2.2986**, and the grayscale version is **17.5689, -0.9374, 0.9546**.

A 20% lighter version of the original color is **33.9734, -2.4535, 0.2904**, and **2.8750, -0.2883, -2.9711** is the 20% darker color. If you saturate the color by 10%, you get **16.7757, -1.7870, -1.5983**, and if you desaturate by 10%, it is **18.5715, -1.1359, 0.6708**.

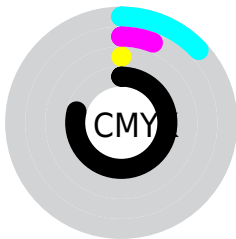
Distribution



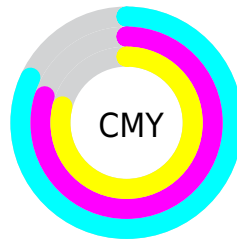
- Red (18%)
- Green (20%)
- Blue (21%)



- Red (18%)
- Yellow (19%)
- Blue (21%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (79%)



- Cyan (82%)
- Magenta (80%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.6609, -1.4959, -0.4509 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 17.6609, -1.4959, -0.4509 by changing the saturation by 10% instead.

■ 17.6609, -1.4959,
-0.4509

■ 17.6609, -1.4959,
-0.4509

■ 113.9008, -7.1173,
3.6443

■ 10.9283, -1.0538,
-0.6262

■ 34.0063, -2.5057,
0.1187

■ 2.3880, -1.9051,
-4.2068

■ 43.4204, -3.0675,
0.4913

0.0000, NaN, NaN

■ 53.5715, -3.6643,
0.9137

0.0000, NaN, NaN

■ 64.4097, -4.2943,
1.3815

0.0000, NaN, NaN

■ 75.8937, -4.9560,
1.8910

0.0000, NaN, NaN

■ 87.9893, -5.6478,

0.0000, NaN, NaN

2.4395

0.0000, NaN, NaN

100.6668, -6.3686,
3.0246

■ 17.6609, -1.4959,
-0.4509

■ 17.6609, -1.4959,
-0.4509

■ 16.7757, -1.7870,
-1.5983

■ 18.5715, -1.1359,
0.6708

■ 15.9168, -2.0000,
-2.7736

■ 19.5047, -0.7130,
1.7677

■ 15.0867, -2.1266,
-3.9777

■ 20.4593, -0.2341,
2.8420

■ 14.2877, -2.1570,
-5.2107

■ 21.4338, 0.2953,
3.8955

■ 13.5224, -2.0813,
-6.4721

■ 22.4268, 0.8703,
4.9301

■ 12.7932, -1.8894,
-7.7598

■ 23.4374, 1.4865,
5.9475

■ 12.1019, -1.5751,
-9.0719

■ 24.4643, 2.1401,
6.9494

■ 11.4211, -1.2361,
-10.4692

■ 25.5067, 2.8278,
7.9373

■ 10.9564, -1.0198,
-11.4932

■ 26.5638, 3.5466,
8.9128

Harmonies

Analogous

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



17.6613, -2.1228, 0.0260



17.6609, -1.4959, -0.4509



17.6613, -0.7111, -0.5403

Triad

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



17.6613, -1.4962, -0.4506



17.6613, 0.5963, 1.1803



17.6613, -1.8907, 2.0610

Complementary

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



17.6609, -1.4959, -0.4509



17.7503, -0.2947, 2.2986

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.



17.6613, -1.1743, 2.3417



17.6609, -1.4959, -0.4509



17.6613, 0.2679, 1.8482

Square

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



17.6613, -1.4962, -0.4506



17.6613, 0.5064, 0.4239



17.6613, -0.3835, 2.2656



17.6613, -2.3477, 1.4825

Rectangle

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



17.6609, -1.4959, -0.4509



17.6613, -0.2018, -0.3649



17.6613, -0.3835, 2.2656



17.6613, -1.6728, 2.1921

Sweetspot

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



17.6613, -1.4962, -0.4506



23.8408, -1.5154, 0.7228



18.2979, -3.2192, 1.8331



12.8936, -0.8300, 0.3654



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.



17.6613, -1.4962, -0.4506



22.3693, -2.0763, -1.1108



16.8458, -0.1363, -1.4766



9.6132, -0.7017, 0.0630



17.5899, -0.3592, -21.2104



44.0256, 2.7663, -60.9998

Inverse Universe

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



17.1500, 1.4303, 0.1600



21.5425, 2.7149, -0.0813



18.5675, -1.6523, 3.1584



9.4422, 0.2612, 0.2560



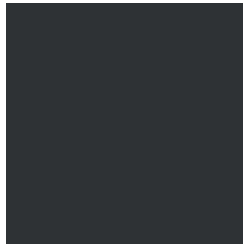
15.4122, 27.9452, -2.0670



40.2066, 72.4669, -2.0182

Previews

White Background



This preview shows how the HunterLab color 17.6609, -1.4959, -0.4509 looks on a white background.

Color Contrast Check

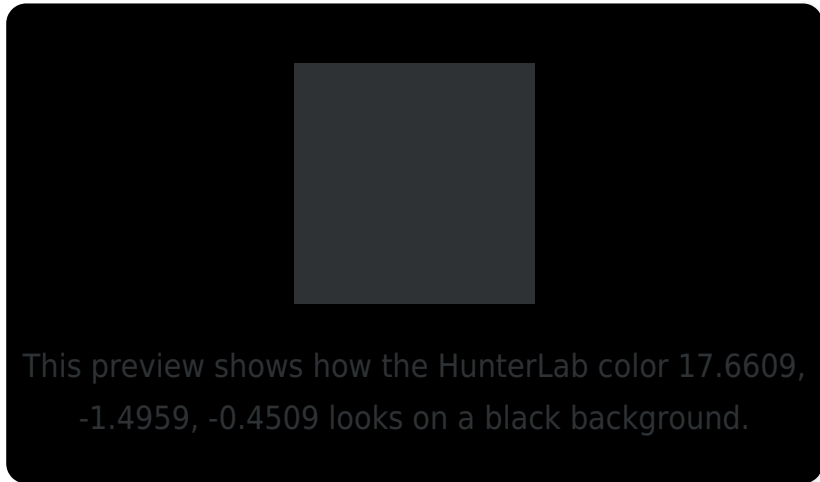
Large Text (above 18pt) WCAG AA ✓ Pass

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

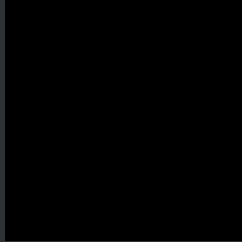
Any Text WCAG AA × Fail

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 17.6609, -1.4959, -0.4509 Background



This preview shows how black text looks on a background with the HunterLab color 17.6609, -1.4959, -0.4509.



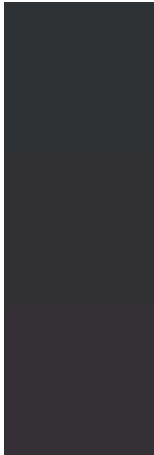
This preview shows how white text looks on a background with the HunterLab color 17.6609, -1.4959, -0.4509.

-0.4509.

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

17.6609, -1.4959, -0.4509

Protanopia

17.5998, -0.5276, -0.1089

Deuteranopia

17.6097, 0.7655, -0.4758



Tritanopia

17.6873, -1.3511, -0.8239

Trichromacy



Original Color

17.6609, -1.4959, -0.4509

Protanomaly

17.5298, -0.7699, -0.2000

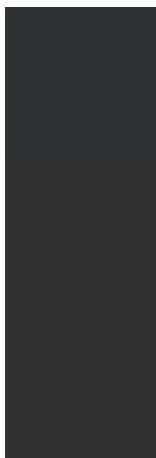
Deuteranomaly

17.6968, -0.1418, -0.3822

Tritanomaly

17.6873, -1.3511, -0.8239

Monochromacy



Original Color

17.6609, -1.4959, -0.4509

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.4794, -1.0460, 0.5167

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.6609, -1.4959, -0.4509 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(46, 50, 53)` looks like.

```
.text, #text, p{  
    color:rgb(46, 50, 53)  
}
```

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(46, 50, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 50, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 17.6609, -1.4959, -0.4509 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(46, 50, 53) }
```


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

```
.border{ border-color:rgb(46, 50, 53) }
```

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

Here you see how a box with a 4 pixel rgb(46, 50, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 50, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 50, 53);  
box-shadow:4px 4px 4px 4px rgb(46, 50, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.6609, -1.4959, -0.4509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 50, 53) }
```

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

```
.background{ background-color: rgb(46, 50,  
53) }
```

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