

Converting Colors

HunterLab(18.7500, -2.2339,
0.6038)

Have a look what the booklet for
HunterLab(18.7500, -2.2339, 0.6038)
contains.

HunterLab(18.8617, -2.2357, 0.6128)	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(18.8617, -2.2357,
0.6128)**

Conversions

Conversions Part 1

Format	Color
Hex	313636
RGB	49, 54, 54
RGB Percent	19%, 21%, 21%
CMY	0.8078, 0.7882, 0.7882
CMYK	0.09, 0.00, 0.00, 0.79
HSL	180°, 5%, 20%
HSV	180°, 9%, 21%
XYZ	3.2516, 3.5576, 4.0053
YIQ	52.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

Format	Color
R_YB	49, 52, 54
Decimal	3225142
CIE Lab	22.15, -2.13, -0.74
CIE LCh	22, 2.256, 199.057
Yxy	3.5578, 0.3007, 0.3290
Android (android.graphics.Color)	4281415222 (0xFF313636)
YUV	52.5050, 0.7370, -3.0739
Hunter-Lab	18.8617, -2.2357, 0.6128

Details

The HunterLab color **18.8617, -2.2357, 0.6128** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17.8962, 0.3411, 1.4063**, and the grayscale version is **18.6999, -0.9978, 1.0160**.

A 20% lighter version of the original color is **35.6088, -3.5554, 1.3799**, and **4.9543, -2.3344, -0.4246** is the 20% darker color. If you saturate the color by 10%, you get **18.5242, -3.4448, 0.1840**, and if you desaturate by 10%, it is **19.2360, -0.9245, 1.0792**.

Distribution



Red (19%)

Green (21%)

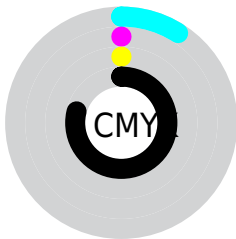
Blue (21%)



Red (19%)

Yellow (20%)

Blue (21%)



Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (79%)



Cyan (81%)

Magenta (79%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.8617, -2.2357, 0.6128 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 18.8617, -2.2357, 0.6128 by changing the saturation by 10% instead.

■ 18.8617, -2.2357,
0.6128

■ 18.8617, -2.2357,
0.6128

■ 116.1185, -8.4745,
5.5685

■ 11.9558, -1.6891,
0.2941

■ 35.4945, -3.4195,
1.4234

■ 4.8810, -2.1641,
-0.3598

■ 45.0331, -4.0568,
1.9012

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.2998, -4.7238,
2.4215

0.0000, NaN, NaN

■ 66.2463, -5.4197,
2.9812

0.0000, NaN, NaN

■ 77.8327, -6.1435,
3.5777

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.0254, -6.8945,

4.2089

0.0000, NaN, NaN

102.7957, -7.6717,
4.8730

■ 18.8617, -2.2357,
0.6128

■ 18.8617, -2.2357,
0.6128

■ 18.5242, -3.4448,
0.1840

■ 19.2360, -0.9245,
1.0792

■ 18.2227, -4.5430,
-0.2053

■ 19.6451, 0.4815,
1.5796

■ 17.9578, -5.5242,
-0.5528

■ 20.0886, 1.9732,
2.1112

■ 17.7293, -6.3832,
-0.8567

■ 20.5655, 3.5420,
2.6710

■ 17.5366, -7.1168,
-1.1160

■ 21.0746, 5.1792,
3.2561

■ 17.3789, -7.7241,
-1.3305

■ 21.6148, 6.8767,
3.8637

■ 17.2547, -8.2066,
-1.5007

■ 22.1846, 8.6268,
4.4911

■ 17.1527, -8.6059,
-1.6414

■ 22.7829, 10.4225,
5.1358

■ 17.0508, -9.0075,
-1.7828

■ 23.4083, 12.2575,
5.7957

Harmonies

Analogous

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



18.8621, -2.2830, 1.2630



18.8617, -2.2357, 0.6128



18.8621, -1.8627, 0.0557

Triad

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



18.8621, -2.2361, 0.6131



18.8621, -0.0024, 0.1872



18.8621, -0.7568, 2.2157

Complementary

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



18.8617, -2.2357, 0.6128



17.8962, 0.3411, 1.4063

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.



18.8621, -0.1367, 1.9487



18.8617, -2.2357, 0.6128



18.8621, 0.3030, 0.7874

Square

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



18.8621, -2.2361, 0.6131



18.8621, -0.5755, -0.1961



18.8621, 0.2535, 1.4312



18.8621, -1.4355, 2.1728

Rectangle

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



18.8617, -2.2357, 0.6128



18.8621, -1.4758, -0.1811



18.8621, 0.2535, 1.4312



18.8621, -0.5344, 2.1596

Sweetspot

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



18.8621, -2.2361, 0.6131



25.0844, -1.9024, 1.1740



18.7491, -2.8757, 2.3138



13.0917, -1.0354, 0.5985



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.



18.8621, -2.2361, 0.6131



24.6828, -3.3200, 0.6704



18.2712, -1.2784, -0.0894



10.6149, -1.1950, 0.3663



28.9630, -15.3584, -3.0469



74.7982, -39.6644, -7.8671

Inverse Universe

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



17.8962, 0.3411, 1.4063



23.0989, 0.9078, 1.9717



18.4672, -0.6337, 2.0391



10.1223, 0.1191, 0.7707



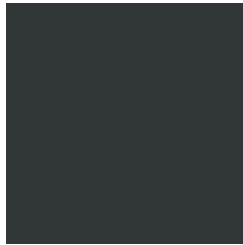
15.0501, 25.7741, 9.7230



38.8674, 66.5618, 25.1133

Previews

White Background



This preview shows how the HunterLab color 18.8617, -2.2357, 0.6128 looks on a white background.

Color Contrast Check

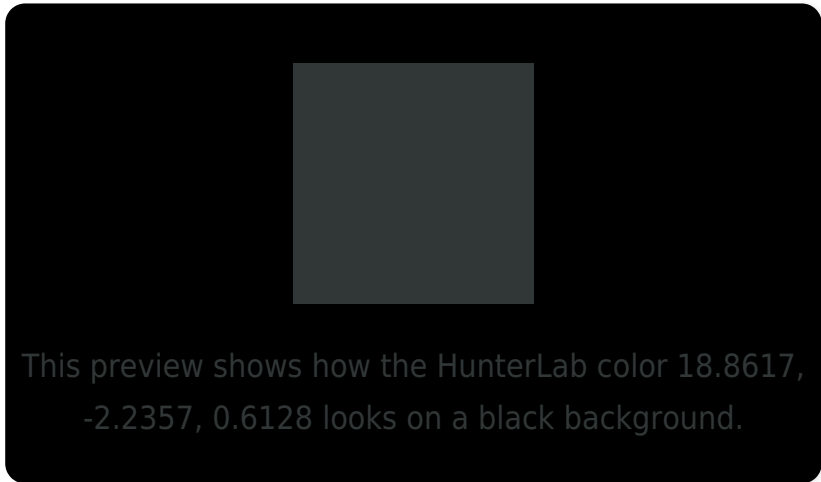
Large Text (above 18pt) WCAG AA ✓ Pass

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

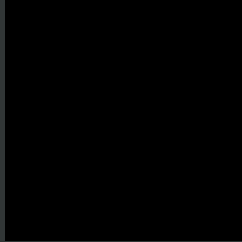
Any Text WCAG AA × Fail

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 18.8617, -2.2357, 0.6128 Background



This preview shows how black text looks on a background with the HunterLab color 18.8617, -2.2357, 0.6128.



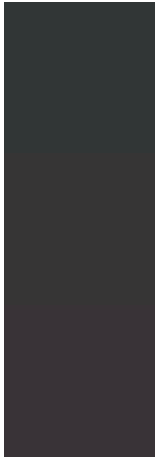
This preview shows how white text looks on a background with the HunterLab color 18.8617, -2.2357,

0.6128.

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

18.8617, -2.2357, 0.6128

Protanopia

18.9407, -0.7553, 1.1147

Deuteranopia

18.7439, 1.1076, 0.1363



Tritanopia

18.7878, -1.0297, -1.0736

Trichromacy



Original Color

18.8617, -2.2357, 0.6128

Protanomaly

18.7971, -1.2549, 0.9368

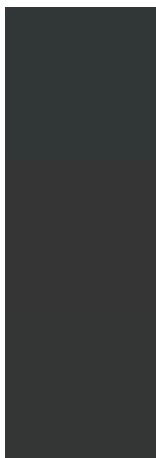
Deuteranomaly

18.7512, -0.0785, 0.1245

Tritanomaly

18.7609, -1.1769, -0.6934

Monochromacy



Original Color

18.8617, -2.2357, 0.6128

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.7971, -1.2549, 0.9368

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.8617, -2.2357, 0.6128 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(49, 54, 54)` looks like.

```
.text, #text, p{  
    color:rgb(49, 54, 54)  
}
```

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(49, 54, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 54, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 18.8617, -2.2357, 0.6128 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(49, 54, 54) }
```


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

```
.border{ border-color:rgb(49, 54, 54) }
```

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

Here you see how a box with a 4 pixel rgb(49, 54, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 54, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 54, 54);  
box-shadow:4px 4px 4px 4px rgb(49, 54, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.8617, -2.2357, 0.6128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 54, 54) }
```

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

```
.background{ background-color: rgb(49, 54,  
54) }
```

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