

Converting Colors

HunterLab(18.2312, -4.6899,
-0.2770)

Have a look what the booklet for
HunterLab(18.2312, -4.6899,
-0.2770) contains.

HunterLab(18.2119, -4.5807, -0.2201)	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(18.2119, -4.5807,
-0.2201)**

Conversions

Conversions Part 1

Format	Color
Hex	263636
RGB	38, 54, 54
RGB Percent	15%, 21%, 21%
CMY	0.8510, 0.7882, 0.7882
CMYK	0.30, 0.00, 0.00, 0.79
HSL	180°, 17%, 18%
HSV	180°, 30%, 21%
XYZ	2.7843, 3.3167, 3.9835
YIQ	49.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

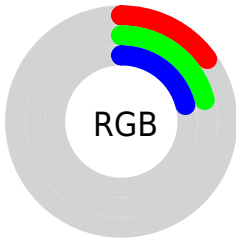
Format	Color
R_{YB}	38, 46, 54
Decimal	2504246
CIE _{Lab}	21.27, -6.51, -2.13
CIE _{LCh}	21, 6.855, 198.146
Yxy	3.3169, 0.2761, 0.3289
Android (android.graphics.Color)	4280694326 (0xFF263636)
YUV	49.2160, 2.3585, -9.8364
Hunter-Lab	18.2119, -4.5807, -0.2201

Details

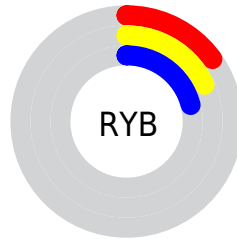
The HunterLab color **18.2119, -4.5807, -0.2201** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.2004, 3.5132, 2.2749**, and the grayscale version is **17.5923, -0.9387, 0.9558**.

A 20% lighter version of the original color is **34.7648, -6.5672, 0.3095**, and **4.6614, -2.3188, -0.8207** is the 20% darker color. If you saturate the color by 10%, you get **17.9487, -5.5575, -0.5661**, and if you desaturate by 10%, it is **18.5124, -3.4871, 0.1684**.

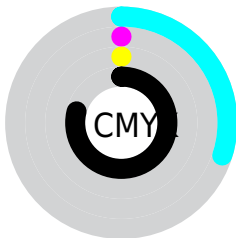
Distribution



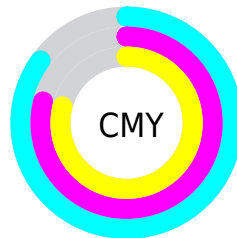
- Red (15%)
- Green (21%)
- Blue (21%)



- Red (15%)
- Yellow (18%)
- Blue (21%)



- Cyan (30%)
- Magenta (0%)
- Yellow (0%)
- Black (79%)



- Cyan (85%)
- Magenta (79%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.2119, -4.5807, -0.2201 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 18.2119, -4.5807, -0.2201 by changing the saturation by 10% instead.

■ 18.2119, -4.5807,
-0.2201

■ 18.2119, -4.5807,
-0.2201

■ 114.9226,
-13.0015, 4.0690

■ 11.3987, -3.6490,
-0.4281

■ 34.6906, -6.3901,
0.4041

■ 3.7506, -6.5636,
-2.1553

■ 44.1623, -7.2957,
0.8004

0.0000, NaN, NaN

■ 54.3670, -8.2105,
1.2449

0.0000, NaN, NaN

■ 65.2553, -9.1377,
1.7334

0.0000, NaN, NaN

■ 76.7867, -10.0794,
2.2625

0.0000, NaN, NaN

■ 88.9272, -11.0367,

0.0000, NaN, NaN

101.6476,
-12.0106, 3.4323

18.2119, -4.5807,
-0.2201

18.2119, -4.5807,
-0.2201

17.9487, -5.5575,
-0.5661

18.5124, -3.4871,
0.1684

17.7216, -6.4118,
-0.8687

18.8489, -2.2824,
0.5963

17.5302, -7.1407,
-1.1266

19.2214, -0.9747,
1.0614

17.3738, -7.7432,
-1.3398

19.6293, 0.4279,
1.5608

17.2509, -8.2210,
-1.5087

20.0715, 1.9165,
2.0916

■ 17.1491, -8.6194,
-1.6494

■ 20.5472, 3.4825,
2.6507

■ 17.0472, -9.0210,
-1.7913

■ 21.0551, 5.1173,
3.2352

■ 17.0434, -9.0360,
-1.7966

■ 21.5941, 6.8126,
3.8422

■ 22.1629, 8.5608,
4.4692

Harmonies

Analogous

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



18.2123, -4.6843, 1.7474



18.2119, -4.5807, -0.2201



18.2123, -3.5374, -2.0397

Triad

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



18.2123, -4.5809, -0.2198



18.2123, 2.0680, -1.7021



18.2123, -0.1531, 4.3026

Complementary

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



18.2119, -4.5807, -0.2201



15.2004, 3.5132, 2.2749

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.



18.2123, 1.7422, 3.5771



18.2119, -4.5807, -0.2201



18.2123, 3.0621, 0.2014

Square

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



18.2123, -4.5809, -0.2198



18.2123, 0.2755, -2.9587



18.2123, 2.9403, 2.1247



18.2123, -2.1883, 4.2166

Rectangle

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



18.2119, -4.5807, -0.2201



18.2123, -2.4218, -2.8580



18.2123, 2.9403, 2.1247



18.2123, 0.5231, 4.1492

Sweetspot

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



18.2123, -4.5809, -0.2198



24.7801, -2.9744, 0.7927



17.8761, -6.5363, 4.8186



12.9332, -1.5945, 0.3996



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.



18.2123, -4.5809, -0.2198



23.6461, -7.0941, -0.6695



16.2893, -1.6290, -2.6948



10.6149, -1.1949, 0.3661



28.9635, -15.3558, -3.0530



74.7994, -39.6573, -7.8840

Inverse Universe

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



15.2004, 3.5132, 2.2749



18.6547, 6.3975, 3.4909



16.9043, 0.3842, 3.9912



10.1223, 0.1190, 0.7708



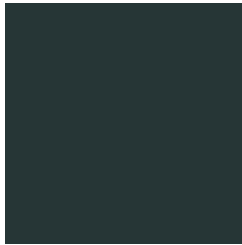
15.0500, 25.7737, 9.7245



38.8673, 66.5615, 25.1147

Previews

White Background



This preview shows how the HunterLab color 18.2119, -4.5807, -0.2201 looks on a white background.

Color Contrast Check

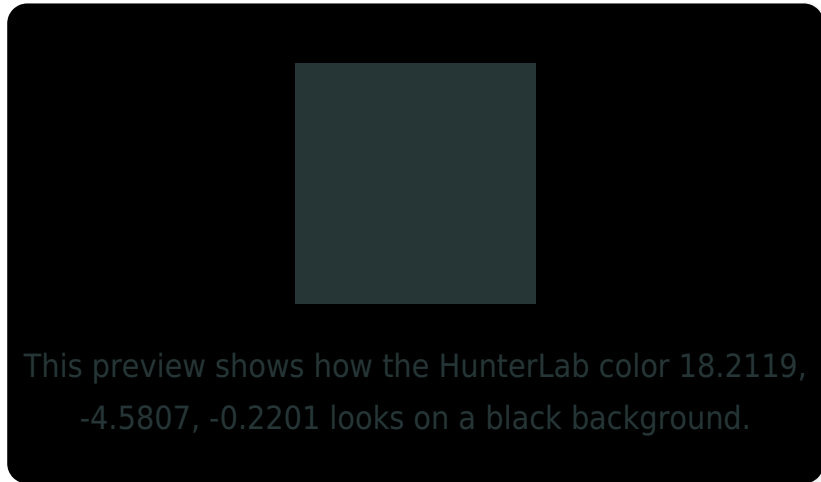
Large Text (above 18pt) WCAG AA ✓ Pass

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

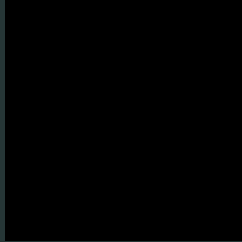
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

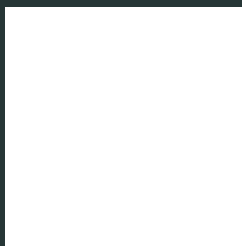
Any Text WCAG AAA × Fail

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

HunterLab 18.2119, -4.5807, -0.2201 Background



This preview shows how black text looks on a background with the HunterLab color 18.2119, -4.5807, -0.2201.



This preview shows how white text looks on a background with the HunterLab color 18.2119, -4.5807, -0.2201.

-0.2201.

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

18.2119, -4.5807, -0.2201

Protanopia

18.2911, -0.5876, 0.7297

Deuteranopia

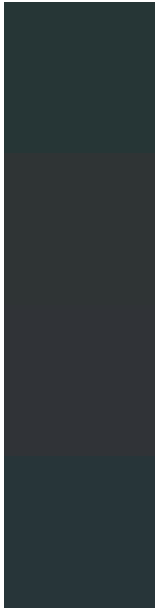
18.2792, 0.7394, -0.4471



Tritanopia

18.1191, -3.4001, -1.9933

Trichromacy



Original Color

18.2119, -4.5807, -0.2201

Protanomaly

18.2136, -2.0525, 0.2230

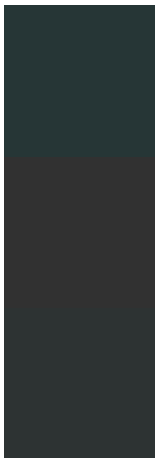
Deuteranomaly

18.0883, -1.1385, -0.7214

Tritanomaly

18.0913, -3.5564, -1.6004

Monochromacy



Original Color

18.2119, -4.5807, -0.2201

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.7892, -2.3977, 0.4811

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.2119, -4.5807, -0.2201 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(38, 54, 54)` looks like.

```
.text, #text, p{  
    color:rgb(38, 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(38, 54, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 54, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 18.2119, -4.5807, -0.2201 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(38, 54, 54) }
```


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

```
.border{ border-color:rgb(38, 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(38, 54, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 54, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 54, 54);  
box-shadow:4px 4px 4px 4px rgb(38, 54, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.2119, -4.5807, -0.2201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 54, 54) }
```

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

```
.background{ background-color: rgb(38, 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