

Converting Colors

HunterLab(12.0354, -1.5680,
-0.1186)

Have a look what the booklet for
HunterLab(12.0354, -1.5680,
-0.1186) contains.

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Color

**HunterLab(12.0419, -1.6331,
-0.0597)**

Conversions

Conversions Part 1

Format	Color
Hex	1C2122
RGB	28, 33, 34
RGB Percent	11%, 13%, 13%
CMY	0.8902, 0.8706, 0.8667
CMYK	0.18, 0.03, 0.00, 0.87
HSL	190°, 10%, 12%
HSV	190°, 18%, 13%
XYZ	1.3115, 1.4501, 1.7241
YIQ	31.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

Format	Color
RYB	28, 31, 34
Decimal	1843490
CIELab	12.29, -2.00, -1.45
CIELCh	12, 2.473, 215.939
Yxy	1.4501, 0.2924, 0.3233
Android (android.graphics.Color)	4280033570 (0xFF1C2122)
YUV	31.6190, 1.1738, -3.1739
Hunter-Lab	12.0419, -1.6331, -0.0597

Details

The HunterLab color **12.0419, -1.6331, -0.0597** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.4133, 0.4936, 1.3343**, and the grayscale version is **11.8963, -0.6348, 0.6464**.

A 20% lighter version of the original color is **26.8280, -2.8525, 0.5522**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7205, -2.1113, -0.4705**, and if you desaturate by 10%, it is **12.3795, -1.1073, 0.3606**.

Distribution



Red (11%)

Green (13%)

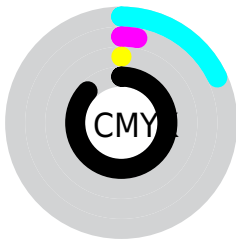
Blue (13%)



Red (11%)

Yellow (12%)

Blue (13%)



Cyan (18%)

Magenta (3%)

Yellow (0%)

Black (87%)



Cyan (89%)

Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0419, -1.6331, -0.0597 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 12.0419, -1.6331, -0.0597 by changing the saturation by 10% instead.

■ 12.0419, -1.6331,
-0.0597

■ 12.0419, -1.6331,
-0.0597

102.9725, -7.5501,
4.1755

■ 5.0323, -2.0027,
-0.9218

■ 26.8574, -2.7370,
0.5391

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.6185, -3.3358,
0.9280

0.0000, NaN, NaN

■ 45.1673, -3.9658,
1.3667

0.0000, NaN, NaN

■ 55.4436, -4.6259,
1.8507

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3990, -5.3154,
2.3763

0.0000, NaN, NaN

■ 77.9938, -6.0332,

0.0000, NaN, NaN

2.9404

■ 90.1945, -6.7784,
3.5408

■ 12.0419, -1.6331,
-0.0597

■ 12.0419, -1.6331,
-0.0597

■ 11.7205, -2.1113,
-0.4705

■ 12.3795, -1.1073,
0.3606

■ 11.4152, -2.5376,
-0.8710

■ 12.7320, -0.5368,
0.7885

■ 11.1265, -2.9092,
-1.2592

■ 13.0991, 0.0749,
1.2229

■ 10.8550, -3.2228,
-1.6338

■ 13.4801, 0.7244,
1.6627

■ 10.6009, -3.4759,
-1.9930

■ 13.8745, 1.4085,
2.1069

■ 10.3591, -3.6860,
-2.3431

■ 14.2817, 2.1242,
2.5547

■ 10.1150, -3.9087,
-2.7065

■ 14.7011, 2.8689,
3.0055

■ 9.8674, -4.1482,
-3.0859

■ 15.1322, 3.6399,
3.4585

■ 9.8086, -4.2072,
-3.1777

■ 15.5744, 4.4350,
3.9132

Harmonies

Analogous

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



12.0422, -1.8550, 0.5325



12.0419, -1.6331, -0.0597



12.0422, -1.1459, -0.4752

Triad

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



12.0422, -1.6333, -0.0595



12.0422, 0.5132, 0.1633



12.0422, -0.7716, 1.7735

Complementary

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



12.0419, -1.6331, -0.0597



11.4133, 0.4936, 1.3343

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.



12.0422, -0.1321, 1.6862



12.0419, -1.6331, -0.0597



12.0422, 0.6185, 0.7772

Square

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



12.0422, -1.6333, -0.0595



12.0422, 0.0952, -0.3419



12.0422, 0.3800, 1.3292



12.0422, -1.3642, 1.5742

Rectangle

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



12.0419, -1.6331, -0.0597



12.0422, -0.7311, -0.5849



12.0422, 0.3800, 1.3292



12.0422, -0.5550, 1.7765

Sweetspot

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



12.0422, -1.6333, -0.0595



15.4244, -1.2123, 0.5680



12.1621, -2.6226, 1.8131



9.1059, -0.7125, 0.3376



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



12.0422, -1.6333, -0.0595



14.7154, -2.3116, -0.3176



11.3842, -0.5667, -0.8769



7.5642, -0.6859, 0.2137



21.7679, -8.7746, -8.2662



59.1488, -22.9054, -24.4845

Inverse Universe

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



11.3155, 1.4855, -0.5408



13.5844, 2.5736, -1.0768



12.0482, -0.5925, 2.0072



7.3613, 0.1747, 0.0829



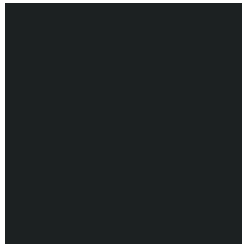
14.8102, 28.1816, -12.2797



40.7879, 77.3687, -31.9239

Previews

White Background



This preview shows how the HunterLab color 12.0419, -1.6331, -0.0597 looks on a white background.

Color Contrast Check

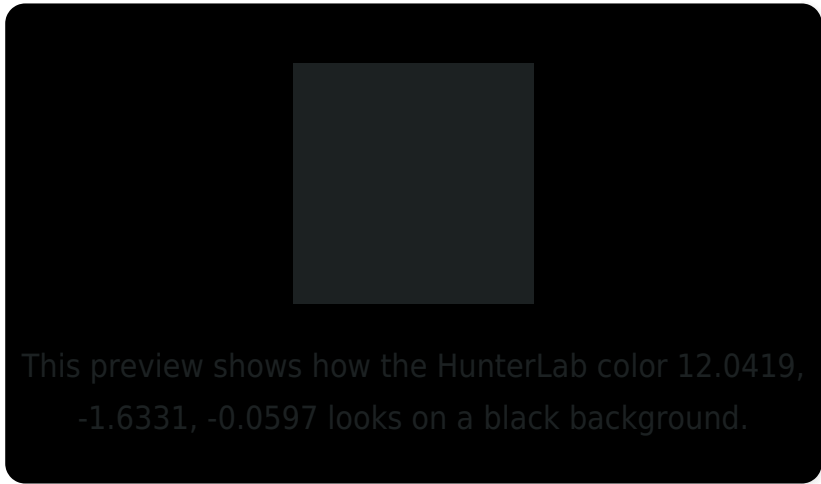
Large Text (above 18pt) WCAG AA ✓ Pass

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

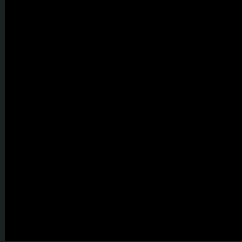
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

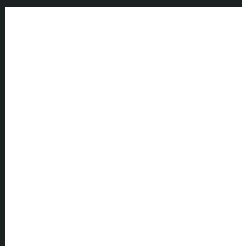
Any Text WCAG AAA × Fail

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

HunterLab 12.0419, -1.6331, -0.0597 Background



This preview shows how black text looks on a background with the HunterLab color 12.0419, -1.6331, -0.0597.



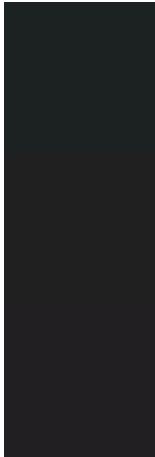
This preview shows how white text looks on a background with the HunterLab color 12.0419, -1.6331, -0.0597.

-0.0597.

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

12.0419, -1.6331, -0.0597

Protanopia

12.0412, -0.5157, 0.3259

Deuteranopia

11.9814, 0.4619, -0.0979



Tritanopia

12.0662, -1.4982, -0.4044

Trichromacy



Original Color

12.0419, -1.6331, -0.0597

Protanomaly

11.9755, -0.7440, 0.2426

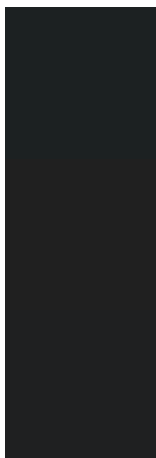
Deuteranomaly

12.0648, -0.3868, -0.0097

Tritanomaly

12.0662, -1.4982, -0.4044

Monochromacy



Original Color

12.0419, -1.6331, -0.0597

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.9755, -0.7440, 0.2426

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0419, -1.6331, -0.0597 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(28, 33, 34)` looks like.

```
.text, #text, p{  
    color:rgb(28, 33, 34)  
}
```

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(28, 33, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 33, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0419, -1.6331, -0.0597 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(28, 33, 34) }
```


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

```
.border{ border-color:rgb(28, 33, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 33, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 33, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 33, 34);  
box-shadow:4px 4px 4px 4px rgb(28, 33, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.0419, -1.6331, -0.0597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 33, 34) }
```

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

```
.background{ background-color: rgb(28, 33,  
34) }
```

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](#).

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