

Converting Colors

HunterLab(12.0846, -0.5379,
0.3711)

Have a look what the booklet for
HunterLab(12.0846, -0.5379, 0.3711)
contains.

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Color

**HunterLab(12.0412, -0.5157,
0.3259)**

Conversions

Conversions Part 1

Format	Color
Hex	202021
RGB	32, 32, 33
RGB Percent	13%, 13%, 13%
CMY	0.8745, 0.8745, 0.8706
CMYK	0.03, 0.03, 0.00, 0.87
HSL	240°, 2%, 13%
HSV	240°, 3%, 13%
XYZ	1.3867, 1.4499, 1.6456
YIQ	32.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

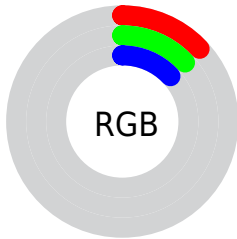
Format	Color
R_YB	32, 32, 33
Decimal	2105377
CIE Lab	12.29, 0.25, -0.68
CIE LCh	12, 0.725, 290.389
Yxy	1.4500, 0.3094, 0.3235
Android (android.graphics.Color)	4280295457 (0xFF202021)
YUV	32.1140, 0.4368, -0.1000
Hunter-Lab	12.0412, -0.5157, 0.3259

Details

The HunterLab color **12.0412, -0.5157, 0.3259** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.3098, -0.7806, 0.9898**, and the grayscale version is **12.0530, -0.6431, 0.6549**.

A 20% lighter version of the original color is **26.9095, -1.2917, 1.0890**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.0949, -0.0305, -0.8532**, and if you desaturate by 10%, it is **13.0080, -0.9768, 1.4401**.

Distribution



Red (13%)

Green (13%)

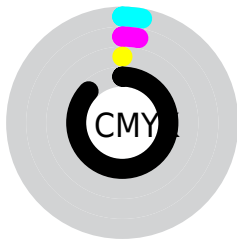
Blue (13%)



Red (13%)

Yellow (13%)

Blue (13%)



Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (87%)



Cyan (87%)

Magenta (87%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0412, -0.5157, 0.3259 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 12.0412, -0.5157, 0.3259 by changing the saturation by 10% instead.

■ 12.0412, -0.5157,
0.3259

■ 12.0412, -0.5157,
0.3259

102.9710, -5.2401,
4.9386

■ 5.0311, -0.0500,
-0.2858

■ 26.8565, -1.2684,
1.0340

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.6175, -1.7200,
1.4693

0.0000, NaN, NaN

■ 45.1663, -2.2150,
1.9509

0.0000, NaN, NaN

■ 55.4424, -2.7500,
2.4748

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3978, -3.3220,
3.0378

0.0000, NaN, NaN

■ 77.9925, -3.9290,

0.0000, NaN, NaN

3.6375

■ 90.1932, -4.5689,
4.2716

■ 12.0412, -0.5157,
0.3259

■ 12.0412, -0.5157,
0.3259

■ 11.0949, -0.0305,
-0.8532

■ 13.0080, -0.9768,
1.4401

■ 10.1705, 0.4852,
-2.1126

■ 13.9928, -1.4176,
2.5007

■ 9.2711, 1.0383,
-3.4707

■ 14.9942, -1.8420,
3.5175

■ 8.4005, 1.6375,
-4.9505

■ 16.0110, -2.2529,
4.4982

■ 7.5631, 2.2933,
-6.5794

■ 17.0422, -2.6527,
5.4490

■ 6.7653, 3.0176,
-8.3886

■ 18.0868, -3.0433,
6.3749

■ 6.0075, 3.8308,
-10.4318

■ 19.1440, -3.4263,
7.2802

■ 5.1772, 4.9263,
-13.2018

■ 20.2133, -3.8030,
8.1682

■ 4.1852, 6.6890,
-17.6877

■ 21.2939, -4.1745,
9.0418

Harmonies

Analogous

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



12.0415, -0.7039, 0.3088



12.0412, -0.5157, 0.3259



12.0415, -0.3612, 0.4324

Triad

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



12.0415, -0.5160, 0.3261



12.0415, -0.4100, 0.9194



12.0415, -1.0002, 0.7132

Complementary

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



12.0412, -0.5157, 0.3259



12.3098, -0.7806, 0.9898

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.



12.0415, -0.9225, 0.8743



12.0412, -0.5157, 0.3259



12.0415, -0.5823, 0.9921

Square

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



12.0415, -0.5160, 0.3261



12.0415, -0.2998, 0.7755



12.0415, -0.7698, 0.9758



12.0415, -0.9827, 0.5341

Rectangle

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



12.0412, -0.5157, 0.3259



12.0415, -0.2981, 0.5386



12.0415, -0.7698, 0.9758



12.0415, -0.9844, 0.7712

Sweetspot

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



12.0415, -0.5160, 0.3261



15.5258, -0.7717, 0.6964



12.2659, -0.8907, 0.5934



9.1777, -0.4622, 0.4273



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.



12.0415, -0.5160, 0.3261



15.1331, -0.5783, 0.2280



12.0736, -0.4036, 0.3667



6.7950, -0.2743, 0.1404



7.5284, 20.3486, -53.3366



21.1825, 57.3906, -150.3661

Inverse Universe

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



12.0858, -0.4072, 0.7360



15.2133, -0.3820, 0.9700



12.2778, -0.8934, 0.9509



6.8259, -0.1986, 0.4261



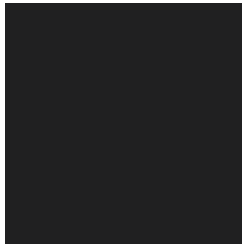
12.9018, 22.0959, 8.3276



36.3333, 62.2230, 23.4691

Previews

White Background



This preview shows how the HunterLab color 12.0412, -0.5157, 0.3259 looks on a white background.

Color Contrast Check

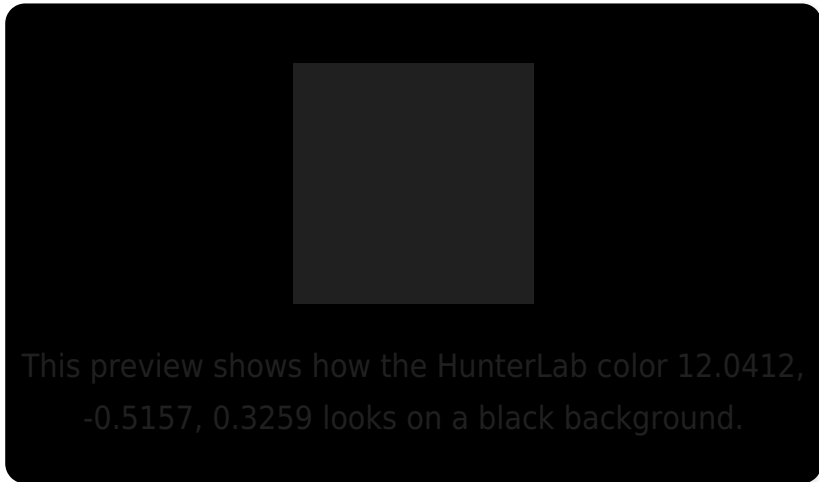
Large Text (above 18pt) WCAG AA ✓ Pass

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

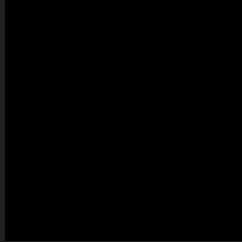
Any Text WCAG AA × Fail

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 12.0412, -0.5157, 0.3259 Background



This preview shows how black text looks on a background with the HunterLab color 12.0412, -0.5157, 0.3259.



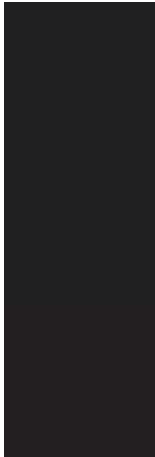
This preview shows how white text looks on a background with the HunterLab color 12.0412, -0.5157,

0.3259.

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

12.0412, -0.5157, 0.3259

Protanopia

12.0412, -0.5157, 0.3259

Deuteranopia

12.0296, 0.5773, 0.3311



Tritanopia

12.0648, -0.3868, -0.0097

Trichromacy



Original Color

12.0412, -0.5157, 0.3259

Protanomaly

12.0412, -0.5157, 0.3259

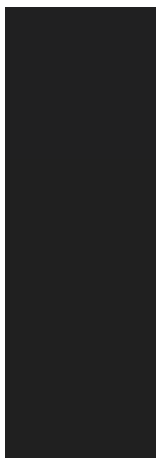
Deuteranomaly

11.9577, 0.3338, 0.2399

Tritanomaly

12.0648, -0.3868, -0.0097

Monochromacy



Original Color

12.0412, -0.5157, 0.3259

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.0183, -0.6413, 0.6530

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0412, -0.5157, 0.3259 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(32, 32, 33)` looks like.

```
.text, #text, p{  
    color:rgb(32, 32, 33)  
}
```

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(32, 32, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 32, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0412, -0.5157, 0.3259 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(32, 32, 33) }
```


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

```
.border{ border-color:rgb(32, 32, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 32, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 32, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 32, 33);  
box-shadow:4px 4px 4px 4px rgb(32, 32, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.0412, -0.5157, 0.3259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 32, 33) }
```

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

```
.background{ background-color: rgb(32, 32,  
33) }
```

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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