

Converting Colors

HunterLab(12.1220, -5.1424,
-2.8329)

Have a look what the booklet for
HunterLab(12.1220, -5.1424,
-2.8329) contains.

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Color

**HunterLab(12.0319, -5.0158,
-3.0114)**

Conversions

Conversions Part 1

Format	Color
Hex	042429
RGB	4, 36, 41
RGB Percent	2%, 14%, 16%
CMY	0.9843, 0.8588, 0.8392
CMYK	0.90, 0.12, 0.00, 0.84
HSL	188°, 82%, 9%
HSV	188°, 90%, 16%
XYZ	1.0812, 1.4477, 2.3203
YIQ	27.0020, -20.6770, -5.2290

Conversions

Conversions Part 2

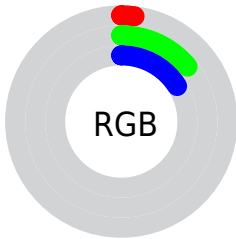
Format	Color
R_{YB}	4, 21, 41
Decimal	271401
CIE _{Lab}	12.27, -9.41, -6.70
CIE _{LCh}	12, 11.554, 215.469
Yxy	1.4477, 0.2230, 0.2985
Android (android.graphics.Color)	4278461481 (0xFF042429)
YUV	27.0020, 6.9010, -20.1728
Hunter-Lab	12.0319, -5.0158, -3.0114

Details

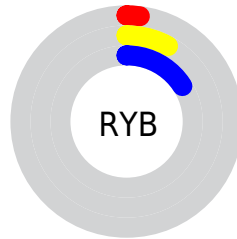
The HunterLab color **12.0319, -5.0158, -3.0114** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.2194, 8.0731, 4.3773**, and the grayscale version is **10.4540, -0.5578, 0.5680**.

A 20% lighter version of the original color is **26.9454, -7.4910, -2.8998**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7873, -5.2588, -3.3810**, and if you desaturate by 10%, it is **12.2800, -4.7816, -2.6457**.

Distribution



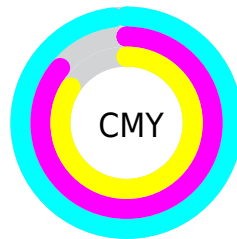
- Red (2%)
- Green (14%)
- Blue (16%)



- Red (2%)
- Yellow (8%)
- Blue (16%)



- Cyan (90%)
- Magenta (12%)
- Yellow (0%)
- Black (84%)



- Cyan (98%)
- Magenta (86%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0319, -5.0158, -3.0114 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 12.0319, -5.0158, -3.0114 by changing the saturation by 10% instead.

■ 12.0319, -5.0158,
-3.0114

■ 12.0319, -5.0158,
-3.0114

■ 102.9519,
-14.9935, -1.1694

■ 5.0150, -8.4441,
-5.2686

■ 26.8443, -7.3377,
-3.0733

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.6041, -8.4396,
-2.9773

0.0000, NaN, NaN

■ 45.1518, -9.5277,
-2.8120

0.0000, NaN, NaN

■ 55.4269, -10.6114,
-2.5853

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3813, -11.6965,
-2.3032

0.0000, NaN, NaN

■ 77.9751, -12.7869,

0.0000, NaN, NaN

-1.9707

■ 90.1749, -13.8853,
-1.5917

■ 12.0319, -5.0158,
-3.0114

■ 12.0319, -5.0158,
-3.0114

■ 11.7873, -5.2588,
-3.3810

■ 12.2800, -4.7816,
-2.6457

■ 12.5285, -4.5479,
-2.2875

■ 12.7973, -4.2415,
-1.9081

■ 13.0890, -3.8535,
-1.5050

■ 13.4035, -3.3869,
-1.0800

■ 13.7405, -2.8451,
-0.6352

■ 14.0996, -2.2324,
-0.1727

■ 14.4800, -1.5534,
0.3054

■ 14.8812, -0.8131,
0.7971

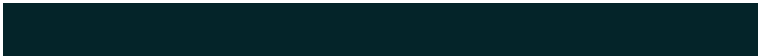
Harmonies

Analogous

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



12.0321, -5.8943, 0.1165



12.0319, -5.0158, -3.0114



12.0321, -2.9597, -5.5315

Triad

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



12.0321, -5.0158, -3.0112



12.0321, 5.1084, -1.8714



12.0321, -1.1911, 5.0957

Complementary

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



12.0319, -5.0158, -3.0114



8.2194, 8.0731, 4.3773

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.



12.0321, 1.8642, 4.7545



12.0319, -5.0158, -3.0114



12.0321, 5.7000, 1.1696

Square

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



12.0321, -5.0158, -3.0112



12.0321, 2.9154, -4.7678



12.0321, 4.4608, 3.4394



12.0321, -3.8300, 4.3751

Rectangle

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



12.0319, -5.0158, -3.0114



12.0321, -1.0979, -6.2549



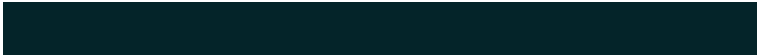
12.0321, 4.4608, 3.4394



12.0321, -0.1805, 5.1013

Sweetspot

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



12.0321, -5.0158, -3.0112



17.6503, -3.5266, -0.7239



12.7723, -9.8854, 6.5062



9.9984, -1.9937, -0.4072



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



12.0321, -5.0158, -3.0112



14.9691, -6.5843, -4.4964



7.7759, 1.5359, -11.1775



8.2991, -0.7914, 0.2374



23.1916, -9.9973, -7.4062



62.1476, -26.0872, -21.3643

Inverse Universe

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



8.2805, 13.0229, -6.6209



9.8571, 18.9068, -9.3382



11.3319, 1.2509, 6.4034



8.0516, 0.2371, 0.0492



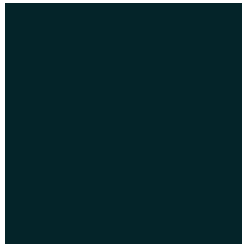
15.3943, 29.4689, -14.1271



41.6726, 79.5745, -36.7062

Previews

White Background



This preview shows how the HunterLab color 12.0319, -5.0158, -3.0114 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

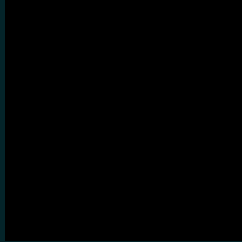
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

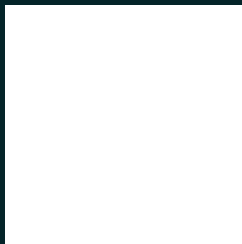
Any Text WCAG AAA × Fail

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

HunterLab 12.0319, -5.0158, -3.0114 Background



This preview shows how black text looks on a background with the HunterLab color 12.0319, -5.0158, -3.0114.



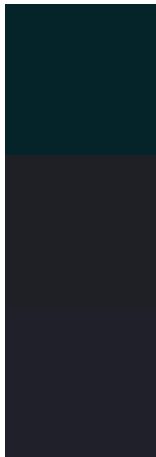
This preview shows how white text looks on a background with the HunterLab color 12.0319, -5.0158, -3.0114.

-3.0114.

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

12.0319, -5.0158, -3.0114

Protanopia

12.1007, -0.0608, -1.5294

Deuteranopia

12.2127, 0.5445, -3.0994



Tritanopia

11.8669, -5.7691, -2.3787

Trichromacy



Original Color

12.0319, -5.0158, -3.0114

Protanomaly

11.8052, -2.2223, -2.4048

Deuteranomaly

11.8925, -1.7342, -3.6230

Tritanomaly

11.9223, -5.4968, -2.7331

Monochromacy



Original Color

12.0319, -5.0158, -3.0114

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.8226, -2.5526, -0.8621

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0319, -5.0158, -3.0114 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(4, 36, 41)` looks like.

```
.text, #text, p{  
    color:rgb(4, 36, 41)  
}
```

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(4, 36, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 36, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0319, -5.0158, -3.0114 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(4, 36, 41) }
```


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

```
.border{ border-color:rgb(4, 36, 41) }
```

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

Here you see how a box with a 4 pixel rgb(4, 36, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 36, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 36, 41); box-shadow:4px  
4px 4px 4px rgb(4, 36, 41) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.0319, -5.0158, -3.0114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 36, 41) }
```

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

```
.background{ background-color: rgb(4, 36,  
41) }
```

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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