

Converting Colors

HunterLab(11.8879, -8.6354,
-3.3141)

Have a look what the booklet for
HunterLab(11.8879, -8.6354,
-3.3141) contains.

HunterLab(12.4351, -6.0669, -2.4461)	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(12.4351, -6.0669,
-2.4461)**

Conversions

Conversions Part 1

Format	Color
Hex	002629
RGB	0, 38, 41
RGB Percent	0%, 15%, 16%
CMY	1.0000, 0.8510, 0.8392
CMYK	1.00, 0.07, 0.00, 0.84
HSL	184°, 100%, 8%
HSV	184°, 100%, 16%
XYZ	1.0934, 1.5463, 2.3387
YIQ	26.9800, -23.6110, -7.1230

Conversions

Conversions Part 2

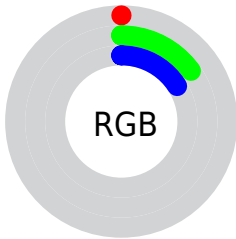
Format	Color
RYB	0, 20, 41
Decimal	9769
CIELab	12.90, -11.70, -5.77
CIELCh	13, 13.042, 206.247
Yxy	1.5464, 0.2196, 0.3106
Android (android.graphics.Color)	4278199849 (0xFF002629)
YUV	26.9800, 6.9119, -23.6615
Hunter-Lab	12.4351, -6.0669, -2.4461

Details

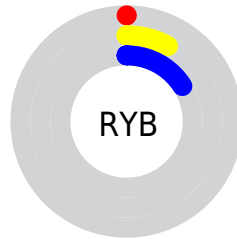
The HunterLab color **12.4351, -6.0669, -2.4461** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **7.3252, 10.2587, 4.6930**, and the grayscale version is **10.4479, -0.5575, 0.5677**.

A 20% lighter version of the original color is **27.3620, -8.7944, -2.3710**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.4353, -6.0670, -2.4460**, and if you desaturate by 10%, it is **12.6178, -5.7510, -2.1833**.

Distribution



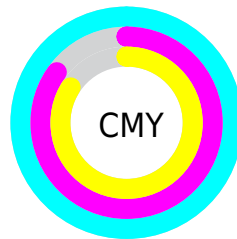
- Red (0%)
- Green (15%)
- Blue (16%)



- Red (0%)
- Yellow (8%)
- Blue (16%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (84%)



- Cyan (100%)
- Magenta (85%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4351, -6.0669, -2.4461 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 12.4351, -6.0669, -2.4461 by changing the saturation by 10% instead.

■ 12.4351, -6.0669,
-2.4461

■ 12.4351, -6.0669,
-2.4461

■ 103.7732,
-17.3247, -0.1663

■ 5.6660, -9.2985,
-3.9110

■ 27.3700, -8.7718,
-2.3901

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.1813, -10.0323,
-2.2406

0.0000, NaN, NaN

■ 45.7763, -11.2650,
-2.0249

0.0000, NaN, NaN

■ 56.0954, -12.4824,
-1.7507

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.0911, -13.6924,
-1.4236

0.0000, NaN, NaN

■ 78.7239, -14.9004,

0.0000, NaN, NaN

-1.0482

■ 90.9608, -16.1103,
-0.6281

■ 12.4351, -6.0669,
-2.4461

■ 12.4351, -6.0669,
-2.4461

■ 12.4353, -6.0670,
-2.4460

■ 12.6178, -5.7510,
-2.1833

■ 12.7983, -5.4459,
-1.9277

■ 12.9806, -5.1368,
-1.6734

■ 13.1836, -4.7525,
-1.3941

■ 13.4100, -4.2847,
-1.0872

■ 13.6599, -3.7353,
-0.7539

■ 13.9333, -3.1073,
-0.3958

■ 14.2299, -2.4048,
-0.0146

■ 14.5494, -1.6321,
0.3877

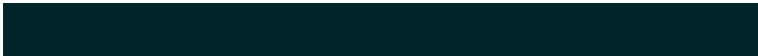
Harmonies

Analogous

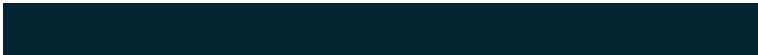
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.4353, -6.6098, 1.0825



12.4351, -6.0669, -2.4461



12.4353, -4.1360, -5.7875

Triad

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



12.4353, -6.0669, -2.4459



12.4353, 5.3389, -3.3596



12.4353, -0.2274, 5.6289

Complementary

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



12.4351, -6.0669, -2.4461



7.3252, 10.2587, 4.6930

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.



12.4353, 3.2360, 4.9054



12.4351, -6.0669, -2.4461



12.4353, 6.6630, 0.2571

Square

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



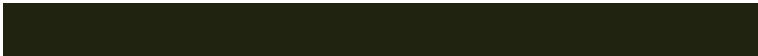
12.4353, -6.0669, -2.4459



12.4353, 2.4041, -6.4079



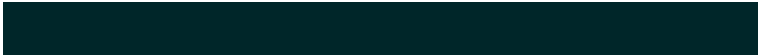
12.4353, 5.8547, 3.1543



12.4353, -3.4611, 5.1900

Rectangle

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



12.4351, -6.0669, -2.4461



12.4353, -2.2007, -7.1346



12.4353, 5.8547, 3.1543



12.4353, 0.9508, 5.5136

Sweetspot

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



12.4353, -6.0669, -2.4459



17.7596, -4.1371, -0.5963



12.6171, -10.6493, 7.2191



10.0520, -2.3574, -0.3457



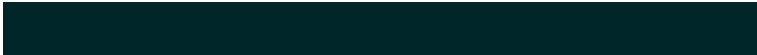
57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



12.4353, -6.0669, -2.4459



15.8492, -7.6863, -3.2178



7.6500, 0.9117, -11.5291



8.3261, -0.8351, 0.2690



24.6784, -11.8680, -5.2262



66.5505, -31.6625, -14.8321

Inverse Universe

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



7.8192, 15.1792, -8.8208



9.9950, 19.3891, -11.1560



10.4574, 2.6188, 6.4894



8.0544, 0.2523, 0.0091



15.6260, 30.2793, -17.1847



42.3534, 81.9590, -45.7129

Previews

White Background



This preview shows how the HunterLab color 12.4351, -6.0669, -2.4461 looks on a white background.

Color Contrast Check

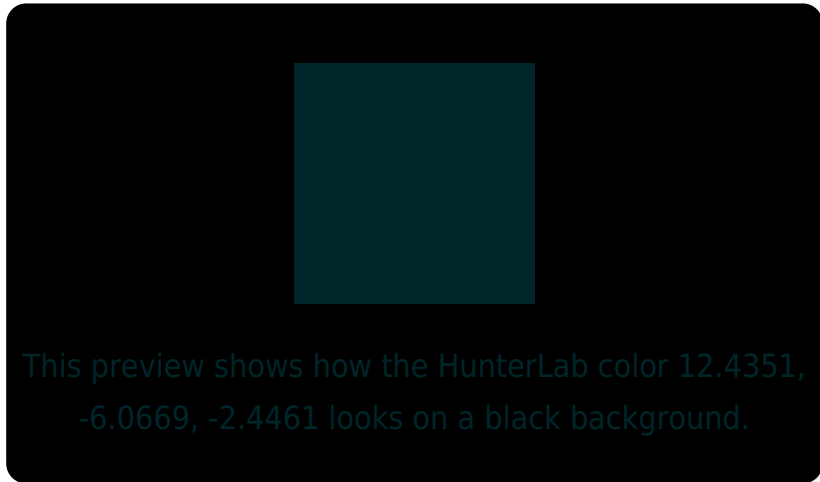
Large Text (above 18pt) WCAG AA ✓ Pass

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

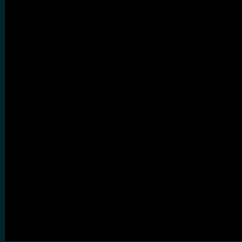
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

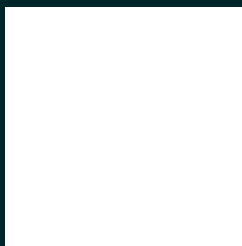
Any Text WCAG AAA × Fail

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

HunterLab 12.4351, -6.0669, -2.4461 Background



This preview shows how black text looks on a background with the HunterLab color 12.4351, -6.0669, -2.4461.



This preview shows how white text looks on a background with the HunterLab color 12.4351, -6.0669, -2.4461.

-2.4461.

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

12.4351, -6.0669, -2.4461

Protanopia

12.7439, -0.1494, -0.6811

Deuteranopia

12.6292, 0.8166, -2.4873



Tritanopia

12.4610, -5.9656, -2.4075

Trichromacy



Original Color

12.4351, -6.0669, -2.4461

Protanomaly

12.3253, -2.7693, -1.6872

Deuteranomaly

12.4089, -2.2985, -2.8602

Tritanomaly

12.4610, -5.9656, -2.4075

Monochromacy



Original Color

12.4351, -6.0669, -2.4461

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.9701, -3.2212, -0.6822

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4351, -6.0669, -2.4461 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(0, 38, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 38, 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(0, 38, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 38, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4351, -6.0669, -2.4461 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(0, 38, 41) }
```


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

```
.border{ border-color:rgb(0, 38, 41) }
```

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

Here you see how a box with a 4 pixel rgb(0, 38, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 38, 41); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 38, 41); box-shadow:4px  
4px 4px 4px rgb(0, 38, 41) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.4351, -6.0669, -2.4461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 38, 41) }
```

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

```
.background{ background-color: rgb(0, 38,  
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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