

Converting Colors

HunterLab(12.4164, -2.9825,
-5.7486)

Have a look what the booklet for
HunterLab(12.4164, -2.9825,
-5.7486) contains.

HunterLab(12.4350, -3.0660, -5.7240)	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(12.4350, -3.0660,
-5.7240)**

Conversions

Conversions Part 1

Format	Color
Hex	0B2430
RGB	11, 36, 48
RGB Percent	4%, 14%, 19%
CMY	0.9569, 0.8588, 0.8118
CMYK	0.77, 0.25, 0.00, 0.81
HSL	199°, 63%, 12%
HSV	199°, 77%, 19%
XYZ	1.3024, 1.5463, 3.0261
YIQ	29.8930, -18.7520, -1.5680

Conversions

Conversions Part 2

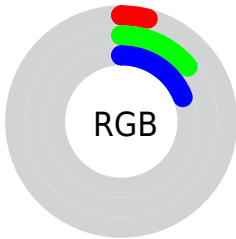
Format	Color
RYB	11, 26, 48
Decimal	730160
CIELab	12.90, -4.92, -10.75
CIELCh	13, 11.826, 245.422
Yxy	1.5463, 0.2217, 0.2632
Android (android.graphics.Color)	4278920240 (0xFF0B2430)
YUV	29.8930, 8.9268, -16.5692
Hunter-Lab	12.4350, -3.0660, -5.7240

Details

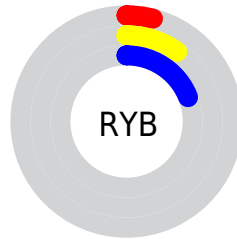
The HunterLab color **12.4350, -3.0660, -5.7240** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.2491, 5.4773, 5.3584**, and the grayscale version is **11.3387, -0.6050, 0.6161**.

A 20% lighter version of the original color is **27.2311, -4.5462, -6.3567**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9290, -2.9804, -6.6000**, and if you desaturate by 10%, it is **12.9611, -3.0863, -4.8591**.

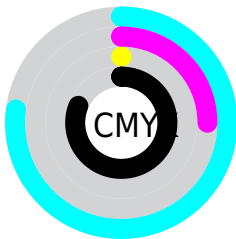
Distribution



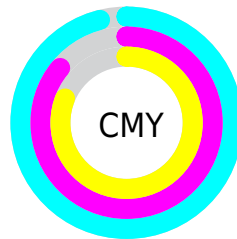
- Red (4%)
- Green (14%)
- Blue (19%)



- Red (4%)
- Yellow (10%)
- Blue (19%)



- Cyan (77%)
- Magenta (25%)
- Yellow (0%)
- Black (81%)



- Cyan (96%)
- Magenta (86%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4350, -3.0660, -5.7240 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 12.4350, -3.0660, -5.7240 by changing the saturation by 10% instead.

■ 12.4350, -3.0660,
-5.7240

■ 12.4350, -3.0660,
-5.7240

■ 103.7730,
-10.5633, -5.4576

■ 5.6658, -4.0855,
-7.6286

■ 27.3699, -4.6375,
-6.1709

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.1812, -5.4317,
-6.2649

0.0000, NaN, NaN

■ 45.7761, -6.2403,
-6.2828

0.0000, NaN, NaN

■ 56.0953, -7.0661,
-6.2322

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.0909, -7.9107,
-6.1195

0.0000, NaN, NaN

■ 78.7237, -8.7748,

0.0000, NaN, NaN

-5.9499

■ 90.9606, -9.6590,
-5.7281

■ 12.4350, -3.0660,
-5.7240

■ 12.4350, -3.0660,
-5.7240

■ 11.9290, -2.9804,
-6.6000

■ 12.9611, -3.0863,
-4.8591

■ 11.4188, -2.9162,
-7.5342

■ 13.5169, -3.0052,
-3.9893

■ 11.2688, -2.9023,
-7.8197

■ 14.1012, -2.8285,
-3.1179

■ 14.7126, -2.5630,
-2.2479

■ 15.3496, -2.2156,
-1.3816

■ 16.0109, -1.7933,
-0.5206

■ 16.6949, -1.3026,
0.3337

■ 17.4004, -0.7498,
1.1807

■ 18.1259, -0.1404,
2.0198

Harmonies

Analogous

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



12.4352, -5.1916, -3.1127



12.4350, -3.0660, -5.7240



12.4352, -0.0913, -6.4638

Triad

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



12.4352, -3.0660, -5.7238



12.4352, 5.9008, 1.2050



12.4352, -3.9587, 4.5032

Complementary

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



12.4350, -3.0660, -5.7240



11.2491, 5.4773, 5.3584

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.



12.4352, -1.2269, 5.2153



12.4350, -3.0660, -5.7240



12.4352, 4.6209, 3.5550

Square

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



12.4352, -3.0660, -5.7238



12.4352, 5.2854, -1.9429



12.4352, 1.9350, 4.8757



12.4352, -5.6703, 2.8273

Rectangle

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



12.4350, -3.0660, -5.7240



12.4352, 2.0218, -5.6712



12.4352, 1.9350, 4.8757



12.4352, -3.1399, 4.8512

Sweetspot

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



12.4352, -3.0660, -5.7238



19.5873, -2.6478, -1.4260



14.9861, -10.1832, 5.9073



10.4394, -1.4322, -0.7987



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



12.4352, -3.0660, -5.7238



14.4706, -3.4820, -9.3492



8.4276, 3.9834, -14.4100



8.9390, -0.7265, 0.1363



19.4118, -4.0806, -15.4544



50.0330, -8.1883, -44.8608

Inverse Universe

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



9.9757, 12.1932, -3.5597



11.3080, 18.4882, -4.6608



15.0116, -1.5397, 7.9724



8.7409, 0.2417, 0.1708



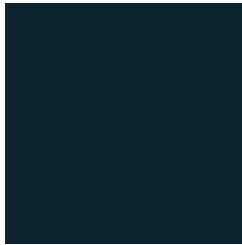
15.2422, 28.1459, -5.9889



40.4502, 74.3053, -12.8776

Previews

White Background



This preview shows how the HunterLab color 12.4350, -3.0660, -5.7240 looks on a white background.

Color Contrast Check

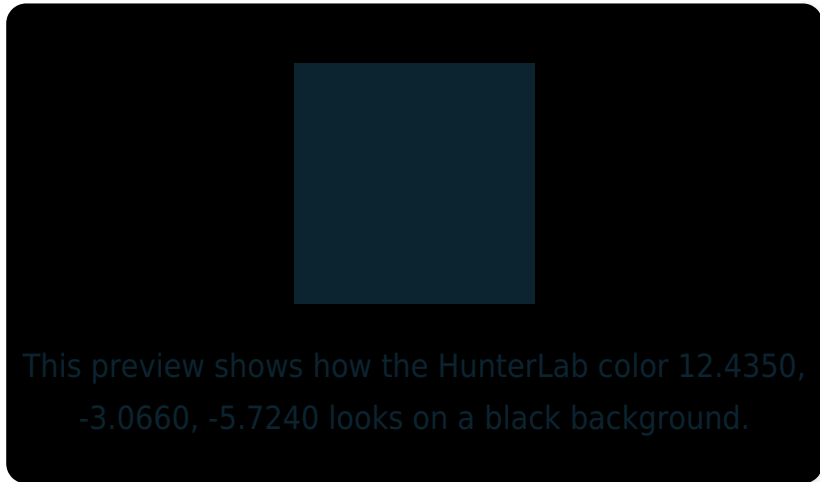
Large Text (above 18pt) WCAG AA ✓ Pass

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

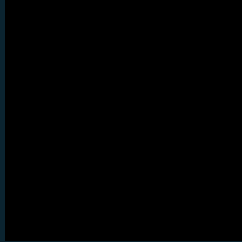
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

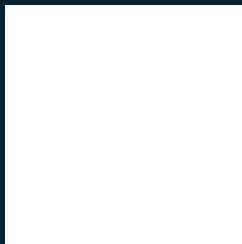
Any Text WCAG AAA × Fail

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

HunterLab 12.4350, -3.0660, -5.7240 Background



This preview shows how black text looks on a background with the HunterLab color 12.4350, -3.0660, -5.7240.



This preview shows how white text looks on a background with the HunterLab color 12.4350, -3.0660, -5.7240.

-5.7240.

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

12.4350, -3.0660, -5.7240

Protanopia

12.4940, 0.6006, -4.5568

Deuteranopia

12.4753, 0.7340, -6.1096



Tritanopia

12.1505, -5.9177, -2.4124

Trichromacy



Original Color

12.4350, -3.0660, -5.7240

Protanomaly

12.3752, -0.9080, -5.2750

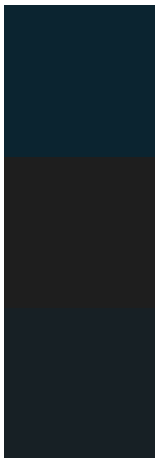
Deuteranomaly

12.3951, -0.7052, -6.2737

Tritanomaly

12.3425, -5.0012, -3.4611

Monochromacy



Original Color

12.4350, -3.0660, -5.7240

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.6136, -1.8216, -1.8112

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4350, -3.0660, -5.7240 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(11, 36, 48)` looks like.

```
.text, #text, p{  
    color:rgb(11, 36, 48)  
}
```

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(11, 36, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 36, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4350, -3.0660, -5.7240 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(11, 36, 48) }
```


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

```
.border{ border-color:rgb(11, 36, 48) }
```

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

Here you see how a box with a 4 pixel rgb(11, 36, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 36, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 36, 48);  
box-shadow:4px 4px 4px 4px rgb(11, 36, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4350, -3.0660, -5.7240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 36, 48) }
```

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

```
.background{ background-color: rgb(11, 36,  
48) }
```

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