

Converting Colors

HunterLab(9.9410, -14.4244,
-1.7891)

Have a look what the booklet for
HunterLab(9.9410, -14.4244,
-1.7891) contains.

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Color

**HunterLab(11.6648, -6.9749,
0.4768)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 00241F |
| RGB | 0, 36, 31 |
| RGB Percent | 0%, 14%, 12% |
| CMY | 1.0000, 0.8588, 0.8784 |
| CMYK | 1.00, 0.00, 0.14, 0.86 |
| HSL | 172°, 100%, 7% |
| HSV | 172°, 100%, 14% |
| XYZ | 0.8782, 1.3607, 1.5127 |
| YIQ | 24.6660, -19.8510, -9.1870 |

Conversions

Conversions Part 2

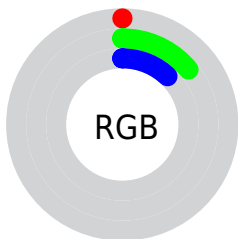
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 19, 36 |
| Decimal | 9247 |
| CIELab | 11.69, -14.45, -0.33 |
| CIELCh | 12, 14.453, 181.315 |
| Yxy | 1.3607, 0.2341, 0.3627 |
| Android (android.graphics.Color) | 4278199327 (0xFF00241F) |
| YUV | 24.6660, 3.1227, -21.6321 |
| Hunter-Lab | 11.6648, -6.9749, 0.4768 |

Details

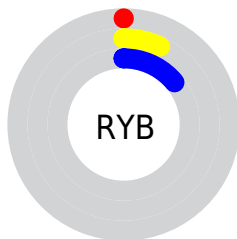
The HunterLab color **11.6648, -6.9749, 0.4768** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **6.2134, 10.8161, 2.6475**, and the grayscale version is **9.7538, -0.5204, 0.5299**.

A 20% lighter version of the original color is **26.4078, -10.1243, 1.1499**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.6650, -6.9751, 0.4769**, and if you desaturate by 10%, it is **11.7755, -6.5105, 0.4396**.

Distribution



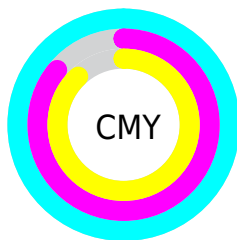
- Red (0%)
- Green (14%)
- Blue (12%)



- Red (0%)
- Yellow (7%)
- Blue (14%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (86%)



- Cyan (100%)
- Magenta (86%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.6648, -6.9749, 0.4768 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 11.6648, -6.9749, 0.4768 by changing the saturation by 10% instead.

■ 11.6648, -6.9749,
0.4768

■ 11.6648, -6.9749,
0.4768

■ 102.1982,
-19.8560, 5.2389

■ 4.3302, -7.5779,
-0.0818

■ 26.3636, -10.1920,
1.2283

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.0757, -11.6554,
1.6820

0.0000, NaN, NaN

■ 44.5796, -13.0699,
2.1805

0.0000, NaN, NaN

■ 54.8141, -14.4532,
2.7202

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 65.7303, -15.8167,
3.2980


0.0000, NaN, NaN


■ 77.2882, -17.1683,


0.0000, NaN, NaN


3.9117


 89.4538, -18.5134,
4.5592

 11.6648, -6.9749,
0.4768


 11.6648, -6.9749,
0.4768


 11.6650, -6.9751,
0.4769

 11.7755, -6.5105,
0.4396

 11.8851, -6.0541,
0.4005

 11.9942, -5.6039,
0.3602

 12.1169, -5.1061,
0.3364

 12.2598, -4.5370,
0.3375

■ 12.4232, -3.8983,
0.3641

■ 12.6073, -3.1925,
0.4162

■ 12.8120, -2.4229,
0.4935

■ 13.0372, -1.5935,
0.5956

Harmonies

Analogous

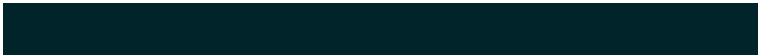
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11.6650, -6.2833, 3.4663



11.6648, -6.9749, 0.4768



11.6650, -6.1511, -3.5077

Triad

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



11.6650, -6.9749, 0.4769



11.6650, 3.3532, -6.8482



11.6650, 3.0319, 5.5066

Complementary

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



11.6648, -6.9749, 0.4768



6.2134, 10.8161, 2.6475

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.



11.6650, 6.1755, 3.6704



11.6648, -6.9749, 0.4768



11.6650, 6.3769, -3.1474

Square

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



11.6650, -6.9749, 0.4769



11.6650, -0.4576, -8.4791



11.6650, 7.4687, 0.7908



11.6650, -0.7876, 6.1356

Rectangle

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



11.6648, -6.9749, 0.4768



11.6650, -4.7847, -6.0636



11.6650, 7.4687, 0.7908



11.6650, 4.2187, 5.0101

Sweetspot

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



11.6650, -6.9749, 0.4769



15.6112, -4.1406, 0.5019



11.3870, -8.9777, 6.8593



8.7575, -2.2750, 0.2849



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.



11.6650, -6.9749, 0.4769



14.4782, -8.7167, 0.7205



8.6961, -2.2274, -6.0606



7.6215, -0.8163, 0.3619



25.3377, -15.4493, 1.6808



69.9625, -43.1664, 5.7369

Inverse Universe

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



6.2134, 10.8161, 2.6475



7.6974, 13.3635, 3.5668



8.0798, 5.0022, 5.0661



7.3350, 0.0323, 0.4580



13.4198, 23.1676, 7.2307



36.9579, 63.5321, 22.0160

Previews

White Background



This preview shows how the HunterLab color 11.6648, -6.9749, 0.4768 looks on a white background.

Color Contrast Check

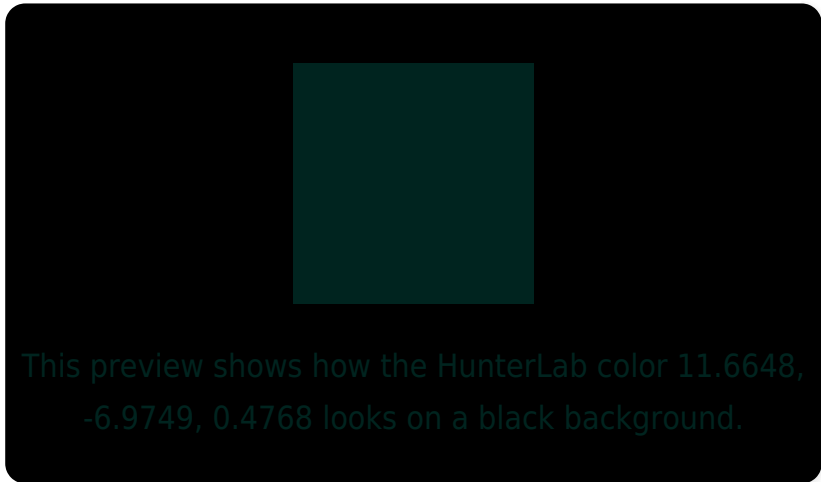
Large Text (above 18pt) WCAG AA ✓ Pass

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

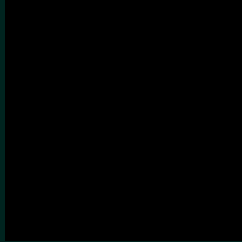
Any Text WCAG AA × Fail

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 11.6648, -6.9749, 0.4768 Background



This preview shows how black text looks on a background with the HunterLab color 11.6648, -6.9749, 0.4768.



This preview shows how white text looks on a background with the HunterLab color 11.6648, -6.9749,

0.4768.

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

11.6648, -6.9749, 0.4768

Protanopia

12.0211, -0.7610, 1.6609

Deuteranopia

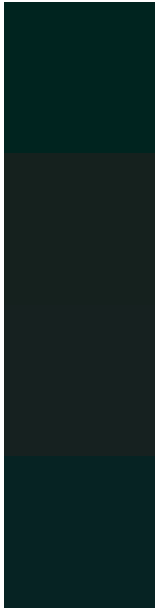
12.0066, 0.4537, 0.6584



Tritanopia

11.8597, -4.5589, -1.9392

Trichromacy



Original Color

11.6648, -6.9749, 0.4768

Protanomaly

11.5796, -3.5012, 0.7849

Deuteranomaly

11.6729, -3.0646, 0.1983

Tritanomaly

11.6710, -5.4434, -0.9816

Monochromacy



Original Color

11.6648, -6.9749, 0.4768

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

10.3345, -3.3888, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.6648, -6.9749, 0.4768 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, 36, 31)` looks like.

```
.text, #text, p{  
    color:rgb(0, 36, 31)  
}
```

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, 36, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 36, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 11.6648, -6.9749, 0.4768 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, 36, 31) }
```


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

```
.border{ border-color:rgb(0, 36, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 36, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 36, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 36, 31); box-shadow:4px  
4px 4px 4px rgb(0, 36, 31) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.6648, -6.9749, 0.4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 36, 31) }
```

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

```
.background{ background-color: rgb(0, 36,  
31) }
```

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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