

Converting Colors

HunterLab(11.6062, 12.3088,
-7.4922)

Have a look what the booklet for
HunterLab(11.6062, 12.3088,
-7.4922) contains.

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Color

**HunterLab(11.6541, 12.3204,
-7.3860)**

Conversions

Conversions Part 1

Format	Color
Hex	331231
RGB	51, 18, 49
RGB Percent	20%, 7%, 19%
CMY	0.8000, 0.9294, 0.8078
CMYK	0.00, 0.65, 0.04, 0.80
HSL	304°, 48%, 14%
HSV	304°, 65%, 20%
XYZ	2.1359, 1.3582, 3.0553
YIQ	31.4010, 9.7170, 16.6370

Conversions

Conversions Part 2

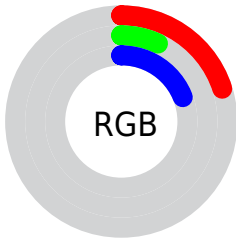
Format	Color
RYB	51, 18, 49
Decimal	3346993
CIELab	11.68, 21.80, -13.06
CIElCh	12, 25.413, 329.083
Yxy	1.3582, 0.3261, 0.2074
Android (android.graphics.Color)	4281537073 (0xFF331231)
YUV	31.4010, 8.6763, 17.1883
Hunter-Lab	11.6541, 12.3204, -7.3860

Details

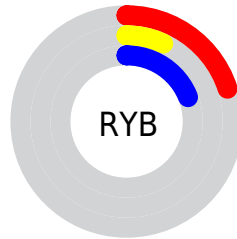
The HunterLab color **11.6541, 12.3204, -7.3860** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **15.9588, -10.4834, 7.1911**, and the grayscale version is **11.8027, -0.6298, 0.6413**.

A 20% lighter version of the original color is **26.3137, 14.5535, -7.9250**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **10.9923, 14.1470, -8.4680**, and if you desaturate by 10%, it is **12.4299, 10.3378, -6.1837**.

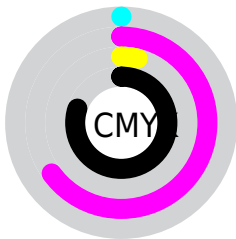
Distribution



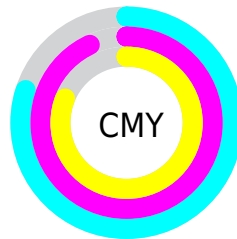
- Red (20%)
- Green (7%)
- Blue (19%)



- Red (20%)
- Yellow (7%)
- Blue (19%)



- Cyan (0%)
- Magenta (65%)
- Yellow (4%)
- Black (80%)



- Cyan (80%)
- Magenta (93%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.6541, 12.3204, -7.3860 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 11.6541, 12.3204, -7.3860 by changing the saturation by 10% instead.

■ 11.6541, 12.3204,
-7.3860

■ 11.6541, 12.3204,
-7.3860

■ 102.1762, 17.8704,
-8.0102

■ 4.3086, 21.8191,
-12.4369

■ 26.3496, 14.3836,
-8.0273

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.0603, 15.1891,
-8.2290

0.0000, NaN, NaN

■ 44.5629, 15.8700,
-8.3528

0.0000, NaN, NaN

■ 54.7962, 16.4425,
-8.4053

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.7114, 16.9194,
-8.3922

0.0000, NaN, NaN

■ 77.2682, 17.3110,

0.0000, NaN, NaN

-8.3191

89.4328, 17.6257,
-8.1905

11.6541, 12.3204,
-7.3860

11.6541, 12.3204,
-7.3860

10.9923, 14.1470,
-8.4680

12.4299, 10.3378,
-6.1837

10.4391, 15.7823,
-9.4088

13.3077, 8.2710,
-4.9081

9.8816, 17.5629,
-10.4287

14.2760, 6.1722,
-3.5938

9.5732, 18.6157,
-11.0326

15.3239, 4.0765,
-2.2655

16.4418, 2.0058,
-0.9392

■ 17.6211, -0.0284,
0.3757

■ 18.8546, -2.0211,
1.6742

■ 20.1362, -3.9717,
2.9544

■ 21.4606, -5.8819,
4.2161

Harmonies

Analogous

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



11.6544, 6.1775, -15.5177



11.6541, 12.3204, -7.3860



11.6544, 14.8940, 0.4404

Triad

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



11.6544, 12.3199, -7.3856



11.6544, -0.4195, 8.1581



11.6544, -9.8802, -6.8513

Complementary

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



11.6541, 12.3204, -7.3860



15.9588, -10.4834, 7.1911

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.



11.6544, -11.0770, 0.8251



11.6541, 12.3204, -7.3860



11.6544, -6.1505, 8.1581

Square

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



11.6544, 12.3199, -7.3856



11.6544, 6.6063, 8.1581



11.6544, -9.7282, 5.6415



11.6544, -6.4301, -15.1070

Rectangle

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



11.6541, 12.3204, -7.3860



11.6544, 13.8844, 3.9525



11.6544, -9.7282, 5.6415



11.6544, -10.5561, -4.0194

Sweetspot

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



11.6544, 12.3199, -7.3856



20.4141, 3.9917, -2.1135



9.0376, 5.8180, -14.8765



10.7323, 2.1939, -1.1712



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



11.6544, 12.3199, -7.3856



13.6363, 19.7772, -11.8033



11.1600, 10.1245, -0.5322



9.4635, 0.3762, -0.0472



16.6548, 32.3500, -18.9132



43.6514, 84.6988, -48.8810

Inverse Universe

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



11.6544, 12.3199, -7.3856



13.6363, 19.7772, -11.8033



16.2007, -9.0245, 3.6721



9.4635, 0.3762, -0.0472



16.6548, 32.3500, -18.9132



43.6514, 84.6988, -48.8810

Previews

White Background



This preview shows how the HunterLab color 11.6541, 12.3204, -7.3860 looks on a white background.

Color Contrast Check

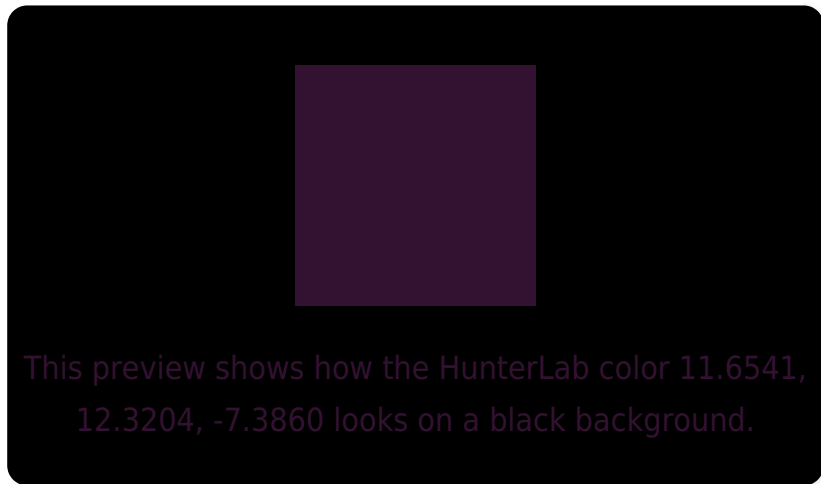
Large Text (above 18pt) WCAG AA ✓ Pass

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

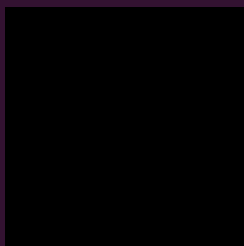
Any Text WCAG AA × Fail

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 11.6541, 12.3204, -7.3860 Background



This preview shows how black text looks on a background with the HunterLab color 11.6541, 12.3204, -7.3860.



This preview shows how white text looks on a background with the HunterLab color 11.6541, 12.3204, -7.3860.

-7.3860.

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

11.6541, 12.3204, -7.3860

Protanopia

11.9459, 2.1951, -14.5124

Deuteranopia

12.0742, 0.3891, -5.7589



Tritanopia

11.8246, 5.7696, 2.4871

Trichromacy



Original Color

11.6541, 12.3204, -7.3860

Protanomaly

11.3816, 5.4045, -13.0567

Deuteranomaly

11.6387, 4.4559, -6.9953

Tritanomaly

11.5857, 8.1087, -0.4637

Monochromacy



Original Color

11.6541, 12.3204, -7.3860

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.3613, 3.9763, -2.4990

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.6541, 12.3204, -7.3860 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(51, 18, 49)` looks like.

```
.text, #text, p{  
    color:rgb(51, 18, 49)  
}
```

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(51, 18, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 18, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 11.6541, 12.3204, -7.3860 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(51, 18, 49) }
```


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

```
.border{ border-color:rgb(51, 18, 49) }
```

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

Here you see how a box with a 4 pixel rgb(51, 18, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 18, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 18, 49);  
box-shadow:4px 4px 4px 4px rgb(51, 18, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.6541, 12.3204, -7.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 18, 49) }
```

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

```
.background{ background-color: rgb(51, 18,  
49) }
```

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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