

Converting Colors

HunterLab(12.3104, -7.5033,
4.6981)

Have a look what the booklet for
HunterLab(12.3104, -7.5033, 4.6981)
contains.

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Color

**HunterLab(12.3104, -7.5033,
4.6981)**

Conversions

Conversions Part 1

Format	Color
Hex	0D2612
RGB	13, 38, 18
RGB Percent	5%, 15%, 7%
CMY	0.9490, 0.8510, 0.9294
CMYK	0.66, 0.00, 0.53, 0.85
HSL	132°, 49%, 10%
HSV	132°, 66%, 15%
XYZ	0.9683, 1.5155, 0.8137
YIQ	28.2450, -8.4800, -11.5200

Conversions

Conversions Part 2

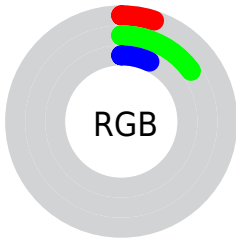
Format	Color
R_YB	13, 34, 38
Decimal	861714
CIE Lab	12.71, -15.34, 10.27
CIE LCh	13, 18.462, 146.209
Yxy	1.5155, 0.2936, 0.4596
Android (android.graphics.Color)	4279051794 (0xFF0D2612)
YUV	28.2450, -5.0508, -13.3699
Hunter-Lab	12.3104, -7.5033, 4.6981

Details

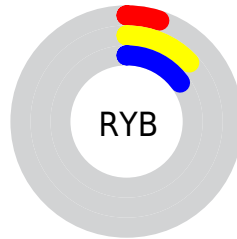
The HunterLab color **12.3104, -7.5033, 4.6981** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.9986, 8.4093, -3.7885**, and the grayscale version is **10.8686, -0.5799, 0.5905**.

A 20% lighter version of the original color is **27.1710, -10.7848, 7.2254**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.1656, -8.1690, 5.1581**, and if you desaturate by 10%, it is **12.4816, -6.7340, 4.1938**.

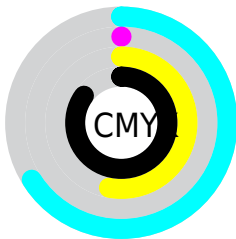
Distribution



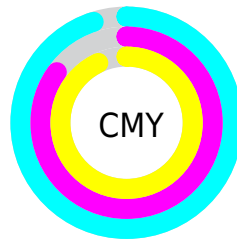
- Red (5%)
- Green (15%)
- Blue (7%)



- Red (5%)
- Yellow (13%)
- Blue (15%)



- Cyan (66%)
- Magenta (0%)
- Yellow (53%)
- Black (85%)



- Cyan (95%)
- Magenta (85%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.3104, -7.5033, 4.6981 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 12.3104, -7.5033, 4.6981 by changing the saturation by 10% instead.

■ 12.3104, -7.5033,
4.6981

■ 12.3104, -7.5033,
4.6981

■ 103.5200,
-20.8596, 15.1969

■ 5.4737, -9.5790,
3.8316

■ 27.2077, -10.8520,
7.1681

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.0032, -12.3738,
8.3398

0.0000, NaN, NaN

■ 45.5836, -13.8427,
9.4892

0.0000, NaN, NaN

■ 55.8892, -15.2771,
10.6282

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.8722, -16.6889,
11.7642

0.0000, NaN, NaN

■ 78.4930, -18.0863,

0.0000, NaN, NaN

12.9022

■ 90.7185, -19.4751,
14.0456

■ 12.3104, -7.5033,
4.6981

■ 12.3104, -7.5033,
4.6981

■ 12.1656, -8.1690,
5.1581

■ 12.4816, -6.7340,
4.1938

■ 12.0311, -8.7904,
5.5581

■ 12.6794, -5.8624,
3.6489

■ 11.8999, -9.3973,
5.8976

■ 12.9039, -4.8942,
3.0676

■ 11.8445, -9.6547,
6.0371

■ 13.1551, -3.8357,
2.4544

■ 13.4324, -2.6944,
1.8136

■ 13.7355, -1.4781,
1.1496

■ 14.0634, -0.1948,
0.4668

■ 14.4155, 1.1476,
-0.2309

■ 14.7908, 2.5416,
-0.9401

Harmonies

Analogous

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



12.3107, -4.5203, 6.8181



12.3104, -7.5033, 4.6981



12.3107, -8.6661, 1.2438

Triad

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



12.3107, -7.5035, 4.6982



12.3107, -1.2696, -11.9163



12.3107, 8.9031, 3.9863

Complementary

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



12.3104, -7.5033, 4.6981



8.9986, 8.4093, -3.7885

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.



12.3107, 10.1286, 0.0674



12.3104, -7.5033, 4.6981



12.3107, 3.7494, -10.2771

Square

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



12.3107, -7.5035, 4.6982



12.3107, -5.4375, -9.2488



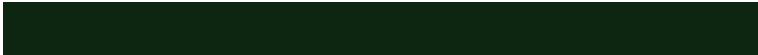
12.3107, 8.1153, -5.3732



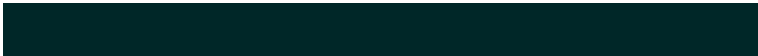
12.3107, 4.9854, 6.4070

Rectangle

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



12.3104, -7.5033, 4.6981



12.3107, -8.4100, -2.0798



12.3107, 8.1153, -5.3732



12.3107, 9.6674, 2.9030

Sweetspot

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



12.3107, -7.5035, 4.6982



16.5395, -4.1426, 2.6976



13.2121, -4.1199, 6.3603



9.5489, -2.3885, 1.5557



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.3107, -7.5035, 4.6982



15.0322, -10.7436, 6.8463



12.5141, -6.2870, 1.7548



7.5973, -0.9509, 0.7088



24.5210, -20.4681, 13.5356



67.6874, -57.1671, 38.8040

Inverse Universe

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



8.9986, 8.4093, -3.7885



10.0941, 13.2348, -5.7605



8.6821, 6.9672, 0.6543



7.3600, 0.1677, 0.1014



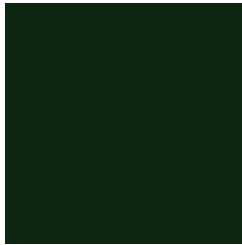
14.6999, 27.7924, -10.7987



40.4603, 76.2107, -27.5079

Previews

White Background



This preview shows how the HunterLab color 12.3104, -7.5033, 4.6981 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

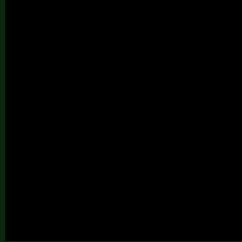
Any Text WCAG AA × Fail

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 12.3104, -7.5033, 4.6981 Background



This preview shows how black text looks on a background with the HunterLab color 12.3104, -7.5033, 4.6981.



This preview shows how white text looks on a background with the HunterLab color 12.3104, -7.5033,

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

12.3104, -7.5033, 4.6981

Protanopia

12.3225, -1.2796, 5.2120

Deuteranopia

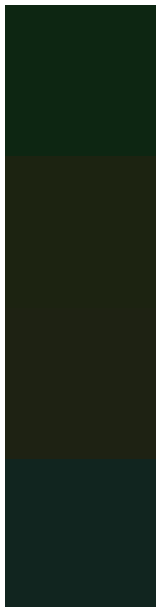
12.3881, 0.1916, 4.4693



Tritanopia

12.4366, -3.5984, -1.5504

Trichromacy



Original Color

12.3104, -7.5033, 4.6981

Protanomaly

12.2041, -4.0823, 4.8723

Deuteranomaly

12.1124, -3.1439, 4.3928

Tritanomaly

12.4147, -5.3337, 1.3655

Monochromacy



Original Color

12.3104, -7.5033, 4.6981

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

11.3187, -3.4896, 2.3868

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3104, -7.5033, 4.6981 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(13, 38, 18)` looks like.

```
.text, #text, p{  
    color:rgb(13, 38, 18)  
}
```

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(13, 38, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 38, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3104, -7.5033, 4.6981 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(13, 38, 18) }
```


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

```
.border{ border-color:rgb(13, 38, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 38, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 38, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 38, 18);  
box-shadow:4px 4px 4px 4px rgb(13, 38, 18)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.3104, -7.5033, 4.6981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 38, 18) }
```

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

```
.background{ background-color: rgb(13, 38,  
18) }
```

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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