

Converting Colors

HunterLab(11.1024, -7.4040,
6.1902)

Have a look what the booklet for
HunterLab(11.1024, -7.4040, 6.1902)
contains.

HunterLab(11.0851, -7.4816, 6.2388)	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(11.0851, -7.4816,
6.2388)**

Conversions

Conversions Part 1

Format	Color
Hex	0C2203
RGB	12, 34, 3
RGB Percent	5%, 13%, 1%
CMY	0.9529, 0.8667, 0.9882
CMYK	0.65, 0.00, 0.91, 0.87
HSL	103°, 84%, 7%
HSV	103°, 91%, 13%
XYZ	0.7401, 1.2288, 0.2843
YIQ	23.8880, -3.1610, -14.3050

Conversions

Conversions Part 2

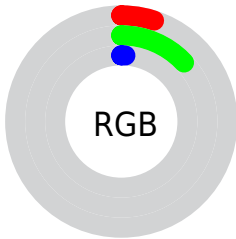
Format	Color
RYB	3, 34, 25
Decimal	795139
CIELab	10.77, -16.10, 14.50
CIElCh	11, 21.665, 137.991
Yxy	1.2288, 0.3285, 0.5454
Android (android.graphics.Color)	4278985219 (0xFF0C2203)
YUV	23.8880, -10.2978, -10.4258
Hunter-Lab	11.0851, -7.4816, 6.2388

Details

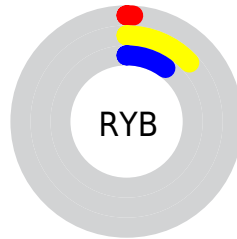
The HunterLab color **11.0851, -7.4816, 6.2388** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **6.2237, 9.8239, -10.4109**, and the grayscale version is **9.5544, -0.5098, 0.5191**.

A 20% lighter version of the original color is **25.6865, -11.0973, 8.9266**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **10.9900, -7.9345, 6.6331**, and if you desaturate by 10%, it is **11.2019, -6.9401, 5.8082**.

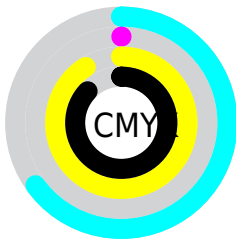
Distribution



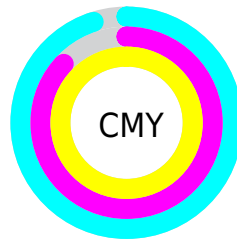
- Red (5%)
- Green (13%)
- Blue (1%)



- Red (1%)
- Yellow (13%)
- Blue (10%)



- Cyan (65%)
- Magenta (0%)
- Yellow (91%)
- Black (87%)



- Cyan (95%)
- Magenta (87%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.0851, -7.4816, 6.2388 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 11.0851, -7.4816, 6.2388 by changing the saturation by 10% instead.

■ 11.0851, -7.4816,
6.2388

■ 11.0851, -7.4816,
6.2388

■ 100.9954,
-21.3153, 18.5940

■ 2.9168, -5.1044,
2.0418

■ 25.6002, -10.9637,
8.8016

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 34.2353, -12.5546,
10.3023

0.0000, NaN, NaN

■ 43.6687, -14.0824,
11.7437

0.0000, NaN, NaN

■ 53.8378, -15.5685,
13.1469

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 64.6928, -17.0267,
14.5255


0.0000, NaN, NaN


■ 76.1928, -18.4665,


0.0000, NaN, NaN


15.8889


 88.3035, -19.8943,
17.2435


 11.0851, -7.4816,
6.2388


 11.0851, -7.4816,
6.2388


 10.9900, -7.9345,
6.6331

 11.2019, -6.9401,
5.8082

 11.3277, -6.3691,
5.3954

 11.4654, -5.7530,
4.9598

 11.6189, -5.0716,
4.4473

 11.7882, -4.3275,
3.8590

■ 11.9731, -3.5238,
3.1968

■ 12.1736, -2.6638,
2.4629

■ 12.3893, -1.7515,
1.6606

■ 12.6199, -0.7907,
0.7931

Harmonies

Analogous

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



11.0853, -3.6783, 7.7597



11.0851, -7.4816, 6.2388



11.0853, -9.4837, 2.5021

Triad

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



11.0853, -7.4818, 6.2389



11.0853, -2.7113, -14.4728



11.0853, 11.3907, 3.3194

Complementary

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



11.0851, -7.4816, 6.2388



6.2237, 9.8239, -10.4109

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.



11.0853, 11.7900, -1.7049



11.0851, -7.4816, 6.2388



11.0853, 2.8737, -13.8981

Square

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



11.0853, -7.4818, 6.2389



11.0853, -6.8533, -9.8006



11.0853, 8.4293, -8.4819



11.0853, 7.4263, 6.8367

Rectangle

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



11.0851, -7.4816, 6.2388



11.0853, -9.5874, -0.8911



11.0853, 8.4293, -8.4819



11.0853, 11.9710, 1.9150

Sweetspot

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



11.0853, -7.4818, 6.2389



14.8787, -4.1171, 3.7509



10.1450, 0.1477, 5.7503



8.7928, -2.3830, 2.1740



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.



11.0853, -7.4818, 6.2389



13.5490, -10.0546, 8.1728



10.8795, -8.2101, 5.1203



7.6206, -0.8823, 0.8465



24.8290, -19.3203, 14.9613



68.2881, -54.8591, 41.1184

Inverse Universe

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



6.2237, 9.8239, -10.4109



6.8168, 14.2704, -15.7222



6.9866, 10.7549, -4.7240



7.3345, 0.0964, -0.0531



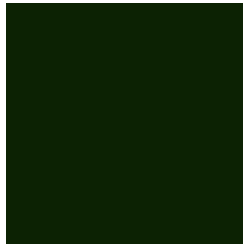
12.2477, 25.8987, -30.2578



33.0784, 70.5791, -86.6190

Previews

White Background



This preview shows how the HunterLab color 11.0851, -7.4816, 6.2388 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

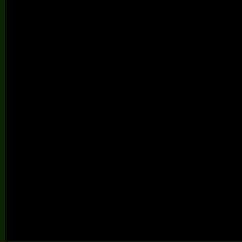
Any Text WCAG AA × Fail

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 11.0851, -7.4816, 6.2388 Background



This preview shows how black text looks on a background with the HunterLab color 11.0851, -7.4816, 6.2388.



This preview shows how white text looks on a background with the HunterLab color 11.0851, -7.4816,

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

11.0851, -7.4816, 6.2388

Protanopia

11.1887, -2.1675, 6.8565

Deuteranopia

11.1416, 0.0804, 5.6443



Tritanopia

11.3010, -3.1176, -1.0308

Trichromacy



Original Color

11.0851, -7.4816, 6.2388

Protanomaly

10.9034, -4.4064, 6.4853

Deuteranomaly

10.9022, -3.0983, 5.7266

Tritanomaly

11.2238, -5.1343, 2.5441

Monochromacy



Original Color

11.0851, -7.4816, 6.2388

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

10.0829, -3.5307, 3.2686

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.0851, -7.4816, 6.2388 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(12, 34, 3)` looks like.

```
.text, #text, p{  
    color:rgb(12, 34, 3)  
}
```

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(12, 34, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 34, 3) }
```

Border

The CSS property to change the border of an element to HunterLab 11.0851, -7.4816, 6.2388 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(12, 34, 3) }
```


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

```
.border{ border-color:rgb(12, 34, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 34, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 34, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(12, 34, 3); box-shadow:4px  
4px 4px 4px rgb(12, 34, 3) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.0851, -7.4816, 6.2388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 34, 3) }
```

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

```
.background{ background-color: rgb(12, 34,  
3) }
```

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