

Converting Colors

HunterLab(12.3316, -1.2046,
8.6321)

Have a look what the booklet for
HunterLab(12.3316, -1.2046, 8.6321)
contains.

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Color

**HunterLab(12.4865, -1.0043,
7.6765)**

Conversions

Conversions Part 1

Format	Color
Hex	292100
RGB	41, 33, 0
RGB Percent	16%, 13%, 0%
CMY	0.8392, 0.8706, 1.0000
CMYK	0.00, 0.20, 1.00, 0.84
HSL	48°, 100%, 8%
HSV	48°, 100%, 16%
XYZ	1.4583, 1.5591, 0.2241
YIQ	31.6300, 15.3610, -8.5670

Conversions

Conversions Part 2

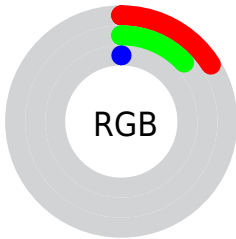
Format	Color
R_YB	10, 41, 0
Decimal	2695424
CIE Lab	12.98, -0.67, 19.17
CIE LCh	13, 19.185, 91.994
Yxy	1.5592, 0.4499, 0.4810
Android (android.graphics.Color)	4280885504 (0xFF292100)
YUV	31.6300, -15.5936, 8.2175
Hunter-Lab	12.4865, -1.0043, 7.6765

Details

The HunterLab color **12.4865, -1.0043, 7.6765** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **5.7771, 4.9395, -17.8832**, and the grayscale version is **11.9465, -0.6374, 0.6491**.

A 20% lighter version of the original color is **27.4577, -1.9110, 11.0787**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.4868, -1.0048, 7.6767**, and if you desaturate by 10%, it is **12.7009, -1.0994, 7.2572**.

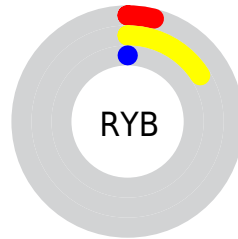
Distribution



Red (16%)

Green (13%)

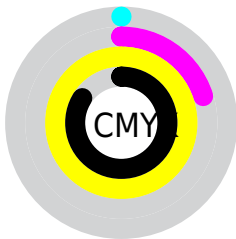
Blue (0%)



Red (4%)

Yellow (16%)

Blue (0%)

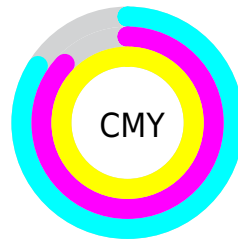


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (84%)



Cyan (84%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4865, -1.0043, 7.6765 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 12.4865, -1.0043, 7.6765 by changing the saturation by 10% instead.

■ 12.4865, -1.0043,
7.6765

■ 12.4865, -1.0043,
7.6765

■ 103.8775, -6.2357,
22.7547

■ 5.7433, -0.8133,
4.0203

■ 27.4369, -1.9057,
11.0259

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.2548, -2.4198,
12.8729

0.0000, NaN, NaN

■ 45.8558, -2.9721,
14.6290

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.1805, -3.5604,
16.3220

0.0000, NaN, NaN

■ 67.1813, -4.1825,
17.9700

0.0000, NaN, NaN

■ 78.8191, -4.8367,

0.0000, NaN, NaN

19.5857

■ 91.0606, -5.5215,
21.1784

■ 12.4865, -1.0043,
7.6765

■ 12.4865, -1.0043,
7.6765

■ 12.4868, -1.0048,
7.6767

■ 12.7009, -1.0994,
7.2572

■ 12.9155, -1.1978,
6.8564

■ 13.1320, -1.2930,
6.4549

■ 13.3565, -1.3502,
5.9602

■ 13.5900, -1.3645,
5.3598

■ 13.8325, -1.3355,
4.6542

■ 14.0839, -1.2635,
3.8442

■ 14.3442, -1.1488,
2.9318

■ 14.6132, -0.9922,
1.9190

Harmonies

Analogous

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



12.4868, 4.2549, 6.9347



12.4865, -1.0043, 7.6765



12.4868, -5.4293, 6.7131

Triad

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



12.4868, -1.0048, 7.6766



12.4868, -7.9138, -5.3088



12.4868, 9.1725, -4.5137

Complementary

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



12.4865, -1.0043, 7.6765



5.7771, 4.9395, -17.8832

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.



12.4868, 4.9371, -10.0380



12.4865, -1.0043, 7.6765



12.4868, -4.9277, -10.6116

Square

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



12.4868, -1.0048, 7.6766



12.4868, -9.0013, 0.3522



12.4868, -0.3254, -12.6165



12.4868, 10.6621, 0.9986

Rectangle

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



12.4865, -1.0043, 7.6765



12.4868, -7.4649, 5.2333



12.4868, -0.3254, -12.6165



12.4868, 7.9926, -6.4959

Sweetspot

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



12.4868, -1.0048, 7.6766



17.9595, -1.6386, 5.1270



6.9957, 12.2365, 2.5291



10.1658, -0.9299, 2.9222



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



12.4868, -1.0048, 7.6766



15.8340, -1.0492, 9.7384



13.5747, -6.7772, 8.2459



8.3558, -0.5440, 0.9683



24.4823, -1.1350, 15.0660



65.4445, -1.3557, 40.3028

Inverse Universe

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



5.7771, 4.9395, -17.8832



6.9927, 7.3866, -24.6857



4.9037, 11.6613, -22.1385



8.0102, -0.3155, -0.1077



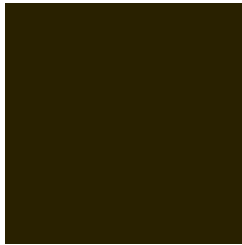
10.1266, 13.9650, -42.8038



25.1830, 45.5418, -129.7882

Previews

White Background



This preview shows how the HunterLab color 12.4865, -1.0043, 7.6765 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

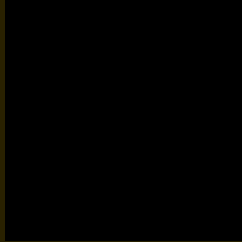
Any Text WCAG AA × Fail

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 12.4865, -1.0043, 7.6765 Background



This preview shows how black text looks on a background with the HunterLab color 12.4865, -1.0043, 7.6765.

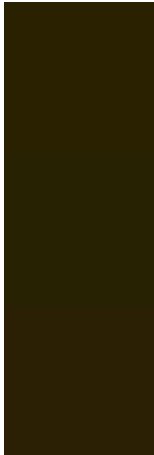


This preview shows how white text looks on a background with the HunterLab color 12.4865, -1.0043,

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

12.4865, -1.0043, 7.6765

Protanopia

12.4920, -2.1090, 7.3880

Deuteranopia

12.4627, 0.0927, 7.2712



Tritanopia

12.6624, 2.6619, 1.1119

Trichromacy



Original Color

12.4865, -1.0043, 7.6765

Protanomaly

12.5602, -1.8822, 7.5710

Deuteranomaly

12.3679, -0.2503, 7.3413

Tritanomaly

12.5674, 0.8277, 4.4114

Monochromacy



Original Color

12.4865, -1.0043, 7.6765

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.0036, -1.1404, 4.1076

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4865, -1.0043, 7.6765 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(41, 33, 0)` looks like.

```
.text, #text, p{  
    color:rgb(41, 33, 0)  
}
```

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(41, 33, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 33, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4865, -1.0043, 7.6765 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(41, 33, 0) }
```


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

```
.border{ border-color:rgb(41, 33, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 33, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 33, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(41, 33, 0); box-shadow:4px  
4px 4px 4px rgb(41, 33, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.4865, -1.0043, 7.6765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 33, 0) }
```

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

```
.background{ background-color: rgb(41, 33,  
0) }
```

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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