

Converting Colors

HunterLab(21.1138, -16.6957,
12.3759)

Have a look what the booklet for
HunterLab(21.1138, -16.6957,
12.3759) contains.

HunterLab(21.1911, -16.7920, 12.4425)	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(21.1911,
-16.7920, 12.4425)**

Conversions

Conversions Part 1

Format	Color
Hex	0F4604
RGB	15, 70, 4
RGB Percent	6%, 27%, 2%
CMY	0.9412, 0.7255, 0.9843
CMYK	0.79, 0.00, 0.94, 0.73
HSL	110°, 89%, 15%
HSV	110°, 94%, 27%
XYZ	2.4091, 4.4906, 0.8547
YIQ	46.0310, -11.5940, -32.1860

Conversions

Conversions Part 2

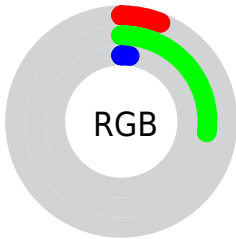
Format	Color
R_YB	4, 70, 59
Decimal	1000964
CIE Lab	25.23, -30.85, 31.28
CIE LCh	25, 43.931, 134.605
Yxy	4.4908, 0.3107, 0.5791
Android (android.graphics.Color)	4279191044 (0xFF0F4604)
YUV	46.0310, -20.7213, -27.2142
Hunter-Lab	21.1911, -16.7920, 12.4425

Details

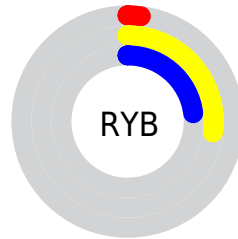
The HunterLab color **21.1911, -16.7920, 12.4425** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.0790, 22.4979, -20.6058**, and the grayscale version is **16.6087, -0.8862, 0.9024**.

A 20% lighter version of the original color is **38.3021, -22.2871, 18.1824**, and **8.8536, -7.5920, 5.3226** is the 20% darker color. If you saturate the color by 10%, you get **21.1098, -17.1793, 12.7070**, and if you desaturate by 10%, it is **21.3595, -16.0153, 12.0022**.

Distribution



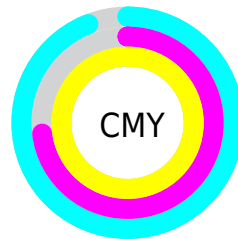
- Red (6%)
- Green (27%)
- Blue (2%)



- Red (2%)
- Yellow (27%)
- Blue (23%)



- Cyan (79%)
- Magenta (0%)
- Yellow (94%)
- Black (73%)



- Cyan (94%)
- Magenta (73%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1911, -16.7920, 12.4425 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 21.1911, -16.7920, 12.4425 by changing the saturation by 10% instead.

■ 21.1911, -16.7920,
12.4425

■ 21.1911, -16.7920,
12.4425

■ 120.3295,
-38.0395, 34.5163

■ 13.9704, -13.5919,
9.7793

■ 38.3512, -22.3010,
18.2170

■ 7.6105, -13.3184,
5.3274

■ 48.1199, -24.7885,
20.8219

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.6007, -27.1613,
23.2961

0.0000, NaN, NaN

■ 69.7482, -29.4470,
25.6695

0.0000, NaN, NaN

■ 81.5246, -31.6651,
27.9639

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.8981, -33.8298,


30.1953


0.0000, NaN, NaN


 106.8411,
-35.9518, 32.3762


 21.1911, -16.7920,
12.4425


 21.1911, -16.7920,
12.4425


 21.1098, -17.1793,
12.7070

 21.3595, -16.0153,
12.0022

 21.5701, -15.0508,
11.4545

 21.8308, -13.8617,
10.7111

 22.1433, -12.4495,
9.7672

 22.5082, -10.8203,
8.6232

■ 22.9258, -8.9844,
7.2840

■ 23.3957, -6.9552,
5.7578

■ 23.9170, -4.7481,
4.0556

■ 24.4886, -2.3797,
2.1901

Harmonies

Analogous

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



21.1915, -7.4445, 14.6400



21.1911, -16.7920, 12.4425



21.1915, -21.1975, 6.8423

Triad

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



21.1915, -16.7923, 12.4426



21.1915, -7.7553, -40.7606



21.1915, 31.3315, 6.6041

Complementary

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



21.1911, -16.7920, 12.4425



12.0790, 22.4979, -20.6058

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.



21.1915, 31.1856, -6.7443



21.1911, -16.7920, 12.4425



21.1915, 6.0188, -40.9913

Square

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



21.1915, -16.7923, 12.4426



21.1915, -16.9692, -25.5029



21.1915, 21.0282, -26.0131



21.1915, 21.3866, 12.3589

Rectangle

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



21.1911, -16.7920, 12.4425



21.1915, -21.6972, -0.9856



21.1915, 21.0282, -26.0131



21.1915, 32.5292, 3.0905

Sweetspot

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



21.1915, -16.7923, 12.4426



30.5457, -10.5081, 8.6048



21.0689, -2.0342, 12.6235



15.3721, -5.5930, 4.5605



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.1915, -16.7923, 12.4426



27.7916, -22.8690, 16.7247



21.1681, -16.5801, 10.0158



12.9131, -1.8251, 1.6082



30.2067, -24.9216, 18.1769



74.3770, -62.3664, 44.7389

Inverse Universe

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



12.0790, 22.4979, -20.6058



15.2526, 31.1635, -29.2368



12.6588, 21.6003, -4.9195



12.3481, 0.5167, -0.2813



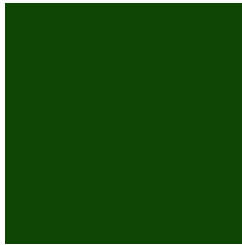
16.5619, 33.8540, -31.8655



40.4711, 83.0045, -80.0214

Previews

White Background



This preview shows how the HunterLab color 21.1911, -16.7920, 12.4425 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 21.1911, -16.7920, 12.4425 Background



This preview shows how black text looks on a background with the HunterLab color 21.1911, -16.7920, 12.4425.



This preview shows how white text looks on a background with the HunterLab color 21.1911, -16.7920, 12.4425.

-16.7920, 12.4425.

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

21.1911, -16.7920, 12.4425

Protanopia

21.1203, -3.1562, 12.9590

Deuteranopia

21.1107, 0.6915, 11.7511



Tritanopia

21.2835, -7.1254, -3.1514

Trichromacy



Original Color

21.1911, -16.7920, 12.4425

Protanomaly

20.7893, -9.7170, 12.5583

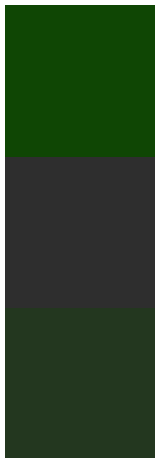
Deuteranomaly

20.5580, -7.7468, 11.6190

Tritanomaly

21.0504, -12.0241, 5.4804

Monochromacy



Original Color

21.1911, -16.7920, 12.4425

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.8567, -8.1915, 6.5556

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1911, -16.7920, 12.4425 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(15, 70, 4)` looks like.

```
.text, #text, p{  
    color:rgb(15, 70, 4)  
}
```

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(15, 70, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 70, 4) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1911, -16.7920, 12.4425 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(15, 70, 4) }
```


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

```
.border{ border-color:rgb(15, 70, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 70, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 70, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(15, 70, 4); box-shadow:4px  
4px 4px 4px rgb(15, 70, 4) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.1911, -16.7920, 12.4425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 70, 4) }
```

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

```
.background{ background-color: rgb(15, 70,  
4) }
```

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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