

Converting Colors

HunterLab(21.1463, -18.0022,
12.4305)

Have a look what the booklet for
HunterLab(21.1463, -18.0022,
12.4305) contains.

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Color

**HunterLab(21.2491,
-18.0738, 12.4567)**

Conversions

Conversions Part 1	
Format	Color
Hex	004704
RGB	0, 71, 4
RGB Percent	0%, 28%, 2%
CMY	1.0000, 0.7216, 0.9843
CMYK	1.00, 0.00, 0.94, 0.72
HSL	123°, 100%, 14%
HSV	123°, 100%, 28%
XYZ	2.2752, 4.5152, 0.8665
YIQ	42.1330, -20.8090, -35.8890

Conversions

Conversions Part 2

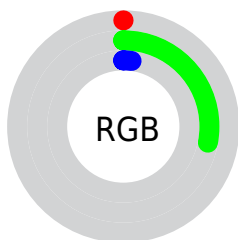
Format	Color
RYB	0, 67, 71
Decimal	18180
CIELab	25.31, -33.95, 31.24
CIELCh	25, 46.132, 137.379
Yxy	4.5154, 0.2971, 0.5897
Android (android.graphics.Color)	4278208260 (0xFF004704)
YUV	42.1330, -18.7996, -36.9506
Hunter-Lab	21.2491, -18.0738, 12.4567

Details

The HunterLab color **21.2491, -18.0738, 12.4567** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13.2095, 25.6891, -15.2449**, and the grayscale version is **15.3243, -0.8177, 0.8326**.

A 20% lighter version of the original color is **38.3053, -23.8798, 18.1569**, and **8.8536, -7.5920, 5.3226** is the 20% darker color. If you saturate the color by 10%, you get **21.2495, -18.0741, 12.4568**, and if you desaturate by 10%, it is **21.3915, -17.4009, 12.0240**.

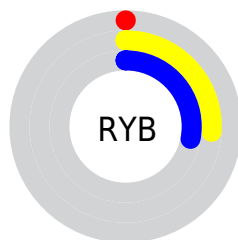
Distribution



Red (0%)

Green (28%)

Blue (2%)



Red (0%)

Yellow (26%)

Blue (28%)

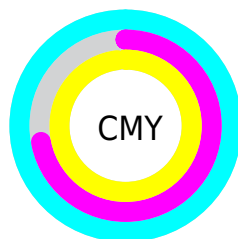


Cyan (100%)

Magenta (0%)

Yellow (94%)

Black (72%)



Cyan (100%)


Magenta (72%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 21.2491, -18.0738, 12.4567 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 21.2491, -18.0738, 12.4567 by changing the saturation by 10% instead.


 21.2491, -18.0738,
12.4567


 21.2491, -18.0738,
12.4567

 120.4329,
-41.0367, 34.5022


 14.0209, -14.5815,
9.8146

 38.4219, -24.0849,
18.2235

 7.6650, -13.4138,
5.3655


 48.1961, -26.7852,
20.8244

0.0000, NaN, NaN


 58.6821, -29.3531,
23.2951

0.0000, NaN, NaN

0.0000, NaN, NaN

 69.8344, -31.8197,
25.6654

0.0000, NaN, NaN

 81.6155, -34.2071,
27.9570

0.0000, NaN, NaN


0.0000, NaN, NaN


 93.9933, -36.5314,


30.1858


0.0000, NaN, NaN


 106.9405,
-38.8048, 32.3644


 21.2491, -18.0738,
12.4567


 21.2491, -18.0738,
12.4567


 21.2495, -18.0741,
12.4568

 21.3915, -17.4009,
12.0240

 21.5485, -16.6535,
11.4816

 21.7618, -15.6500,
10.7660

 22.0389, -14.3673,
9.8780

 22.3820, -12.8070,
8.8208

■ 22.7926, -10.9781,
7.6021

■ 23.2709, -8.8958,
6.2328

■ 23.8163, -6.5798,
4.7266

■ 24.4274, -4.0529,
3.0984

Harmonies

Analogous

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



21.2495, -8.8743, 14.8747



21.2491, -18.0738, 12.4567



21.2495, -22.1494, 6.1957

Triad

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



21.2495, -18.0741, 12.4568



21.2495, -6.9177, -44.7642



21.2495, 32.7667, 7.6780

Complementary

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



21.2491, -18.0738, 12.4567



13.2095, 25.6891, -15.2449

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.



21.2495, 33.7077, -5.5310



21.2491, -18.0738, 12.4567



21.2495, 7.9000, -43.2512

Square

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



21.2495, -18.0741, 12.4568



21.2495, -16.9759, -29.2948



21.2495, 23.6673, -25.9691



21.2495, 21.3644, 12.9851

Rectangle

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



21.2491, -18.0738, 12.4567



21.2495, -22.3965, -2.5600



21.2495, 23.6673, -25.9691



21.2495, 34.4085, 4.3036

Sweetspot

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



21.2495, -18.0741, 12.4568



30.1820, -11.8989, 8.3216



23.9081, -7.5016, 14.6007



15.1928, -6.2762, 4.3778



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.



21.2495, -18.0741, 12.4568



27.6243, -23.5413, 16.2909



21.5719, -16.0681, 7.7234



12.8799, -1.9349, 1.5031



30.0358, -25.6097, 17.7418



74.1211, -63.4214, 44.2638

Inverse Universe

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



13.2095, 25.6891, -15.2449



17.1670, 33.3717, -19.7032



12.0153, 21.4420, 1.0533



12.3857, 0.6340, -0.1558



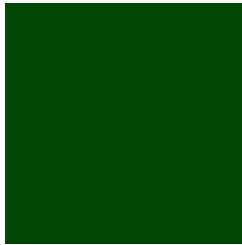
18.6640, 36.2776, -21.3887



46.0282, 89.3899, -52.1580

Previews

White Background



This preview shows how the HunterLab color 21.2491, -18.0738, 12.4567 looks on a white background.

Color Contrast Check

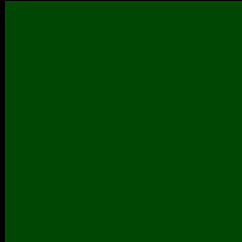
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 21.2491, -18.0738, 12.4567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

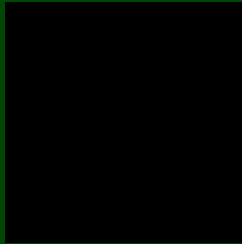
Any Text WCAG AA × Fail

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 21.2491, -18.0738, 12.4567 Background



This preview shows how black text looks on a background with the HunterLab color 21.2491, -18.0738, 12.4567.



This preview shows how white text looks on a background with the HunterLab color 21.2491,

-18.0738, 12.4567.

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

21.2491, -18.0738, 12.4567

Protanopia

21.3692, -3.5438, 13.1056

Deuteranopia

21.4477, 0.6429, 11.8721



Tritanopia

21.5113, -7.5983, -3.3083

Trichromacy



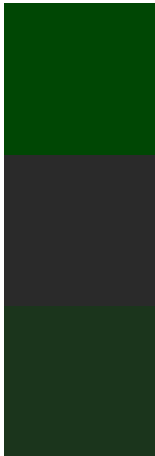
Original Color
21.2491, -18.0738, 12.4567

Protanomaly
20.7277, -11.3682, 12.4912

Deuteranomaly
20.5181, -9.2616, 11.4759

Tritanomaly
21.1611, -13.0018, 5.2767

Monochromacy



Original Color
21.2491, -18.0738, 12.4567

Achromatopsia
15.2162, -0.8119, 0.8267

Achromatomaly
16.9206, -9.2013, 6.4157

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2491, -18.0738, 12.4567 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(0, 71, 4)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 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(0, 71, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 4) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2491, -18.0738, 12.4567 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(0, 71, 4) }
```


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

```
.border{ border-color:rgb(0, 71, 4) }
```

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

Here you see how a box with a 4 pixel rgb(0, 71, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 71, 4); box-shadow:4px  
4px 4px 4px rgb(0, 71, 4) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.2491, -18.0738, 12.4567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 71, 4) }
```

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

```
.background{ background-color: rgb(0, 71,  
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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