

Converting Colors

HunterLab(21.1038, -11.5508,
12.9677)

Have a look what the booklet for
HunterLab(21.1038, -11.5508,
12.9677) contains.

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Color

**HunterLab(21.0521,
-11.5151, 12.7706)**

Conversions

Conversions Part 1

Format	Color
Hex	2C4200
RGB	44, 66, 0
RGB Percent	17%, 26%, 0%
CMY	0.8275, 0.7412, 1.0000
CMYK	0.33, 0.00, 1.00, 0.74
HSL	80°, 100%, 13%
HSV	80°, 100%, 26%
XYZ	2.9869, 4.4319, 0.6980
YIQ	51.8980, 8.0740, -25.1900

Conversions

Conversions Part 2

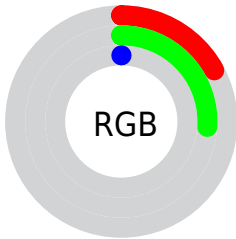
Format	Color
RYB	0, 66, 22
Decimal	2900480
CIELab	25.05, -19.16, 33.21
CIELCh	25, 38.337, 119.983
Yxy	4.4321, 0.3680, 0.5460
Android (android.graphics.Color)	4281090560 (0xFF2C4200)
YUV	51.8980, -25.5857, -6.9265
Hunter-Lab	21.0521, -11.5151, 12.7706

Details

The HunterLab color **21.0521, -11.5151, 12.7706** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **7.5102, 18.0974, -35.7480**, and the grayscale version is **18.5786, -0.9913, 1.0094**.

A 20% lighter version of the original color is **38.1884, -15.0121, 18.7574**, and **8.3382, -7.1500, 5.0128** is the 20% darker color. If you saturate the color by 10%, you get **21.0525, -11.5159, 12.7709**, and if you desaturate by 10%, it is **21.2052, -10.8437, 12.3466**.

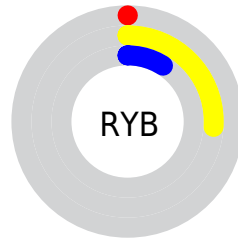
Distribution



Red (17%)

Green (26%)

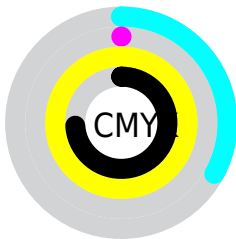
Blue (0%)



Red (0%)

Yellow (26%)

Blue (9%)

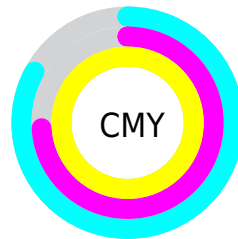


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (74%)



Cyan (83%)

Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0521, -11.5151, 12.7706 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 21.0521, -11.5151, 12.7706 by changing the saturation by 10% instead.

■ 21.0521, -11.5151,
12.7706

■ 21.0521, -11.5151,
12.7706

■ 120.0813,
-26.4482, 35.9377

■ 13.8495, -9.4547,
9.6947

■ 38.1818, -15.1830,
18.8209

■ 7.4781, -11.5633,
5.2347

■ 47.9371, -16.8890,
21.5700

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.4055, -18.5442,
24.1767

0.0000, NaN, NaN

■ 69.5413, -20.1633,
26.6727

0.0000, NaN, NaN

■ 81.3067, -21.7567,
29.0813


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.6697, -23.3318,


31.4199


0.0000, NaN, NaN


 106.6026,
-24.8942, 33.7019


 21.0521, -11.5151,
12.7706


 21.0521, -11.5151,
12.7706


 21.0525, -11.5159,
12.7709

 21.2052, -10.8437,
12.3466

 21.3644, -10.1489,
11.9111

 21.5405, -9.3714,
11.3126

 21.7360, -8.4982,
10.5142

 21.9516, -7.5277,
9.5078

■ 22.1877, -6.4597,
8.2885

■ 22.4447, -5.2953,
6.8539

■ 22.7226, -4.0362,
5.2040

■ 23.0217, -2.6850,
3.3407

Harmonies

Analogous

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



21.0526, -1.1177, 13.7809



21.0521, -11.5151, 12.7706



21.0526, -17.6912, 9.4706

Triad

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



21.0526, -11.5156, 12.7707



21.0526, -11.5249, -28.3474



21.0526, 27.4846, 1.1395

Complementary

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



21.0521, -11.5151, 12.7706



7.5102, 18.0974, -35.7480

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.



21.0526, 22.9847, -13.1658



21.0521, -11.5151, 12.7706



21.0526, -1.1312, -35.0606

Square

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



21.0526, -11.5156, 12.7707



21.0526, -17.6956, -13.1479



21.0526, 11.7792, -28.3612



21.0526, 22.9942, 9.4647

Rectangle

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



21.0521, -11.5151, 12.7706



21.0526, -19.4555, 4.6367



21.0526, 11.7792, -28.3612



21.0526, 26.9622, -3.0686

Sweetspot

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



21.0526, -11.5156, 12.7707



29.5338, -7.1874, 9.2974



13.1614, 11.3327, 8.3081



15.0027, -3.7918, 4.8998



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



21.0526, -11.5156, 12.7707



27.6792, -15.4389, 16.7855



19.9193, -16.1626, 11.9910



12.2342, -1.3142, 1.6164



31.0500, -17.4369, 18.8276



77.4417, -45.0157, 46.9311

Inverse Universe

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



7.5102, 18.0974, -35.7480



9.7109, 23.6657, -48.2625



10.9804, 22.3854, -20.6744



11.4945, 0.0724, -0.3945



10.8312, 26.4997, -54.6350



26.2519, 65.5400, -142.5914

Previews

White Background



This preview shows how the HunterLab color 21.0521, -11.5151, 12.7706 looks on a white background.

Color Contrast Check

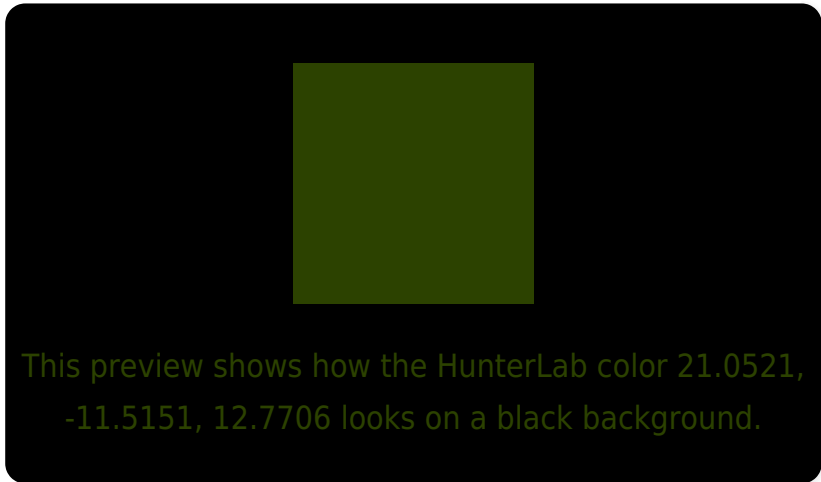
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0521, -11.5151, 12.7706 Background



This preview shows how black text looks on a background with the HunterLab color 21.0521, -11.5151, 12.7706.



This preview shows how white text looks on a background with the HunterLab color 21.0521,

-11.5151, 12.7706.

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

21.0521, -11.5151, 12.7706

Protanopia

21.0357, -3.4591, 12.9015

Deuteranopia

20.8645, 1.0315, 11.7926



Tritanopia

21.0586, -2.8000, -1.5845

Trichromacy



Original Color

21.0521, -11.5151, 12.7706

Protanomaly

20.9166, -6.5115, 12.7747

Deuteranomaly

20.8308, -4.1141, 12.1100

Tritanomaly

20.8580, -7.2819, 6.4985

Monochromacy



Original Color

21.0521, -11.5151, 12.7706

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.2068, -5.6917, 7.2939

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0521, -11.5151, 12.7706 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(44, 66, 0)` looks like.

```
.text, #text, p{  
    color:rgb(44, 66, 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(44, 66, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 66, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0521, -11.5151, 12.7706 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(44, 66, 0) }
```


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

```
.border{ border-color:rgb(44, 66, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 66, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 66, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(44, 66, 0); box-shadow:4px  
4px 4px 4px rgb(44, 66, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.0521, -11.5151, 12.7706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 66, 0) }
```

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

```
.background{ background-color: rgb(44, 66,  
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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