

Converting Colors

HunterLab(21.2193, -12.0517,
6.9838)

Have a look what the booklet for
HunterLab(21.2193, -12.0517,
6.9838) contains.

HunterLab(21.1322, -11.8735, 6.9279)	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(21.1322,
-11.8735, 6.9279)**

Conversions

Conversions Part 1

Format	Color
Hex	1F4329
RGB	31, 67, 41
RGB Percent	12%, 26%, 16%
CMY	0.8784, 0.7372, 0.8392
CMYK	0.54, 0.00, 0.39, 0.74
HSL	137°, 37%, 19%
HSV	137°, 54%, 26%
XYZ	2.9725, 4.4657, 2.8031
YIQ	53.2720, -13.1100, -15.7180

Conversions

Conversions Part 2

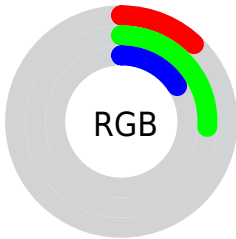
Format	Color
R_{YB}	31, 59, 67
Decimal	2048809
CIE Lab	25.16, -19.86, 11.90
CIE LCh	25, 23.155, 149.069
Yxy	4.4659, 0.2902, 0.4360
Android (android.graphics.Color)	4280238889 (0xFF1F4329)
YUV	53.2720, -6.0501, -19.5325
Hunter-Lab	21.1322, -11.8735, 6.9279




Details

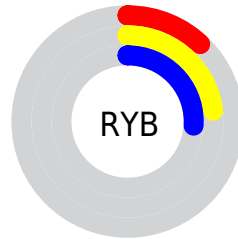
The HunterLab color **21.1322, -11.8735, 6.9279** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **15.7123, 12.7582, -4.7021**, and the grayscale version is **18.9836, -1.0129, 1.0314**.




A 20% lighter version of the original color is **38.1485, -15.5129, 9.5521**, and **8.5953, -7.3705, 5.1673** is the 20% darker color. If you saturate the color by 10%, you get **20.8344, -13.2248, 7.8198**, and if you desaturate by 10%, it is **21.4869, -10.3077, 5.9730**.

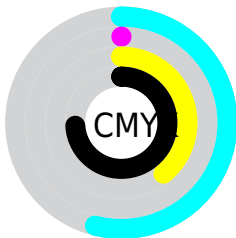
Distribution







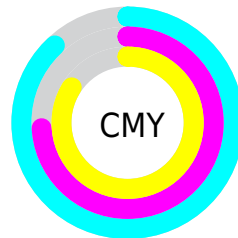
-  Red (12%)
-  Green (26%)
-  Blue (16%)






-  Red (12%)
-  Yellow (23%)
-  Blue (26%)



-  Cyan (54%)
-  Magenta (0%)
-  Yellow (39%)
-  Black (74%)



-  Cyan (88%)
-  Magenta (74%)
-  Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1322, -11.8735, 6.9279 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 21.1322, -11.8735, 6.9279 by changing the saturation by 10% instead.

■ 21.1322, -11.8735,
6.9279

■ 21.1322, -11.8735,
6.9279

120.2243,
-27.1740, 18.1654

■ 13.9192, -9.7484,
5.5049

■ 38.2794, -15.6468,
9.5429

■ 7.5547, -11.8599,
5.2883

■ 48.0424, -17.3982,
10.7942

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.5180, -19.0951,
12.0286

0.0000, NaN, NaN

■ 69.6605, -20.7532,
13.2543

0.0000, NaN, NaN

■ 81.4323, -22.3833,
14.4773


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.8013, -23.9931,


15.7016


0.0000, NaN, NaN


 106.7400,
-25.5885, 16.9303


 21.1322, -11.8735,
6.9279


 21.1322, -11.8735,
6.9279


 20.8344, -13.2248,
7.8198


 21.4869, -10.3077,
5.9730


 20.5910, -14.3545,
8.6396


 21.8976, -8.5372,
4.9638


 20.4002, -15.2621,
9.3799

 22.3645, -6.5768,
3.9103

 20.2439, -16.0175,
10.0229

 22.8869, -4.4432,
2.8219

 20.1499, -16.4688,
10.3659

 23.4633, -2.1543,
1.7078

■ 24.0922, 0.2714,
0.5764

■ 24.7715, 2.8158,
-0.5648

■ 25.4992, 5.4617,
-1.7093

■ 26.2731, 8.1932,
-2.8518

Harmonies

Analogous

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



21.1326, -7.5267, 9.8107



21.1322, -11.8735, 6.9279



21.1326, -13.4143, 1.3661

Triad

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



21.1326, -11.8738, 6.9281



21.1326, -1.3563, -17.0347



21.1326, 12.5958, 6.6649

Complementary

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



21.1322, -11.8735, 6.9279



15.7123, 12.7582, -4.7021

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.



21.1326, 14.8211, 0.9322



21.1322, -11.8735, 6.9279



21.1326, 6.1345, -14.1690

Square

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



21.1326, -11.8738, 6.9281



21.1326, -7.8719, -13.8121



21.1326, 12.3133, -6.9304



21.1326, 6.5828, 9.6991

Rectangle

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



21.1322, -11.8735, 6.9279



21.1326, -12.8284, -3.6949



21.1326, 12.3133, -6.9304



21.1326, 13.8450, 5.0651

Sweetspot

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



21.1326, -11.8738, 6.9281



29.5110, -6.6009, 4.0811



22.3497, -7.4459, 10.2024



14.9958, -3.4606, 2.1282



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.



21.1326, -11.8738, 6.9281



26.9532, -17.6247, 10.4708



21.4882, -9.7644, 1.8024



12.1130, -1.7052, 1.1712



29.3422, -24.2029, 15.5718



73.4017, -61.2325, 40.4376

Inverse Universe

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



15.7123, 12.7582, -4.7021



18.6052, 20.6365, -7.3253



15.2397, 10.5505, 1.9716



11.6257, 0.4743, 0.1194



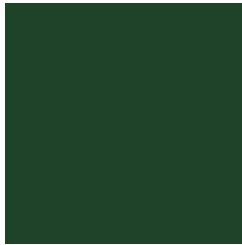
17.2565, 32.1135, -8.7031



43.0375, 79.7697, -19.2175

Previews

White Background



This preview shows how the HunterLab color 21.1322, -11.8735, 6.9279 looks on a white background.

Color Contrast Check

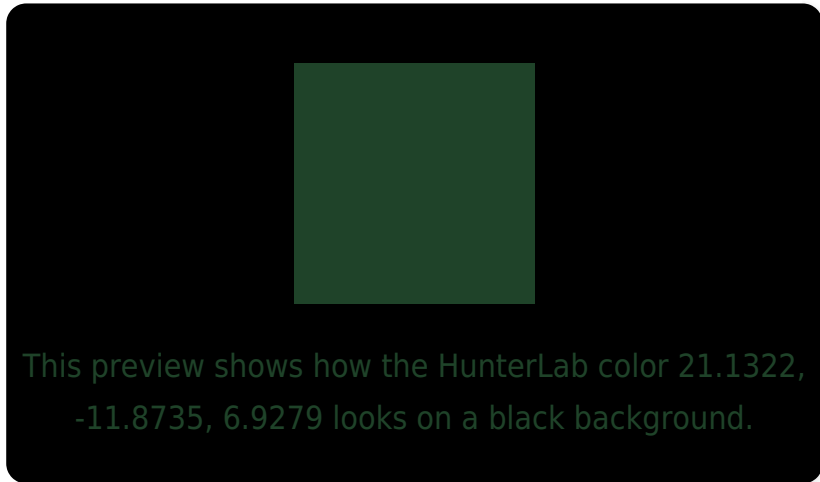
Large Text (above 18pt) WCAG AA ✓ Pass

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

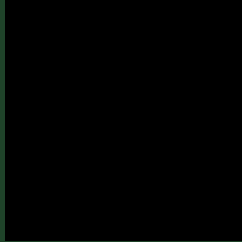
Any Text WCAG AA × Fail

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 21.1322, -11.8735, 6.9279 Background



This preview shows how black text looks on a background with the HunterLab color 21.1322, -11.8735, 6.9279.



This preview shows how white text looks on a background with the HunterLab color 21.1322,

-11.8735, 6.9279.

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

21.1322, -11.8735, 6.9279

Protanopia

21.2025, -2.2027, 7.8986

Deuteranopia

21.0719, 1.2241, 6.5752



Tritanopia

21.2333, -5.9958, -2.7424

Trichromacy



Original Color

21.1322, -11.8735, 6.9279

Protanomaly

21.1149, -6.4168, 7.5088

Deuteranomaly

20.8456, -4.6467, 6.5334

Tritanomaly

21.1038, -8.4033, 1.2323

Monochromacy



Original Color

21.1322, -11.8735, 6.9279

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.5083, -5.3208, 3.0967

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1322, -11.8735, 6.9279 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(31, 67, 41)` looks like.

```
.text, #text, p{  
    color:rgb(31, 67, 41)  
}
```

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(31, 67, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 67, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1322, -11.8735, 6.9279 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(31, 67, 41) }
```


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

```
.border{ border-color:rgb(31, 67, 41) }
```

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

Here you see how a box with a 4 pixel rgb(31, 67, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 67, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 67, 41);  
box-shadow:4px 4px 4px 4px rgb(31, 67, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1322, -11.8735, 6.9279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 67, 41) }
```

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

```
.background{ background-color: rgb(31, 67,  
41) }
```

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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