

Converting Colors

HunterLab(12.0401, 21.4072,
1.6713)

Have a look what the booklet for
HunterLab(12.0401, 21.4072,
1.6713) contains.

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Color

**HunterLab(11.9722, 21.2857,
1.6669)**

Conversions

Conversions Part 1

Format	Color
Hex	47001E
RGB	71, 0, 30
RGB Percent	28%, 0%, 12%
CMY	0.7216, 1.0000, 0.8824
CMYK	0.00, 1.00, 0.58, 0.72
HSL	335°, 100%, 14%
HSV	335°, 100%, 28%
XYZ	2.8329, 1.4333, 1.3557
YIQ	24.6490, 32.6860, 24.3820

Conversions

Conversions Part 2

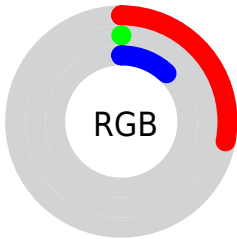
Format	Color
R_{YB}	71, 0, 30
Decimal	4653086
CIE _{Lab}	12.18, 33.57, 2.23
CIE _{LCh}	12, 33.641, 3.798
Yxy	1.4334, 0.5039, 0.2550
Android (android.graphics.Color)	4282843166 (0xFF47001E)
YUV	24.6490, 2.6380, 40.6498
Hunter-Lab	11.9722, 21.2857, 1.6669

Details

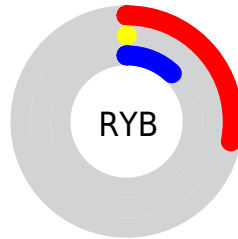
The HunterLab color **11.9722, 21.2857, 1.6669** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **21.6024, -15.8775, 7.2747**, and the grayscale version is **9.7392, -0.5197, 0.5292**.

A 20% lighter version of the original color is **26.8740, 24.3252, 3.0789**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9721, 21.2855, 1.6676**, and if you desaturate by 10%, it is **12.6881, 19.5198, 1.0527**.

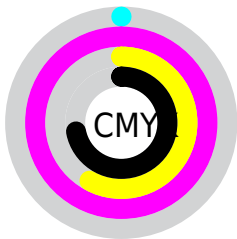
Distribution



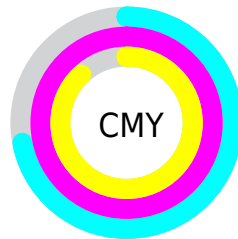
- Red (28%)
- Green (0%)
- Blue (12%)



- Red (28%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (72%)



- Cyan (72%)
- Magenta (100%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.9722, 21.2857, 1.6669 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 11.9722, 21.2857, 1.6669 by changing the saturation by 10% instead.

■ 11.9722, 21.2857,
1.6669

■ 11.9722, 21.2857,
1.6669

■ 102.8301, 31.3189,
7.7517

■ 4.9108, 30.1548,
2.1484

■ 26.7665, 24.3423,
2.8107

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.5186, 25.6850,
3.4279

0.0000, NaN, NaN

■ 45.0592, 26.8951,
4.0759

0.0000, NaN, NaN

■ 55.3277, 27.9830,
4.7541

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.2760, 28.9598,
5.4616

0.0000, NaN, NaN

■ 77.8640, 29.8356,

0.0000, NaN, NaN

6.1976

90.0583, 30.6195,
6.9613

11.9722, 21.2857,
1.6669

11.9722, 21.2857,
1.6669

11.9721, 21.2855,
1.6676

12.6881, 19.5198,
1.0527

13.4180, 17.9099,
0.4038

14.3405, 15.9259,
-0.0583

15.4591, 13.6429,
-0.3084

16.7517, 11.1879,
-0.3641

■ 18.1954, 8.6560,
-0.2517

■ 19.7693, 6.1091,
0.0007

■ 21.4550, 3.5836,
0.3678

■ 23.2372, 1.0980,
0.8280

Harmonies

Analogous

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



11.9726, 18.5793, -8.8255



11.9722, 21.2857, 1.6669



11.9726, 16.8620, 7.5900

Triad

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



11.9726, 21.2844, 1.6672



11.9726, -8.6576, 8.3808



11.9726, -7.2174, -24.5575

Complementary

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



11.9722, 21.2857, 1.6669



21.6024, -15.8775, 7.2747

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.



11.9726, -12.0213, -12.1613



11.9722, 21.2857, 1.6669



11.9726, -12.8324, 6.2537

Square

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



11.9726, 21.2844, 1.6672



11.9726, -1.7371, 8.3808



11.9726, -14.0636, -0.4614



11.9726, 0.4992, -28.9862

Rectangle

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



11.9722, 21.2857, 1.6669



11.9726, 11.0488, 8.3808



11.9726, -14.0636, -0.4614



11.9726, -9.0783, -20.8916

Sweetspot

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



11.9726, 21.2844, 1.6672



25.4589, 8.3307, -0.0458



9.5439, 21.1084, -30.7827



12.6703, 4.5207, -0.0584



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.



11.9726, 21.2844, 1.6672



15.5245, 27.5206, 2.7881



12.0102, 18.3673, 7.7216



12.3416, 0.3964, 0.4721



16.8682, 29.8791, 3.2119



41.4309, 72.9851, 11.0095

Inverse Universe

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



11.9726, 21.2844, 1.6672



15.5245, 27.5206, 2.7881



20.9348, -10.1933, -4.1615



12.3416, 0.3964, 0.4721



16.8682, 29.8791, 3.2119



41.4309, 72.9851, 11.0095

Previews

White Background



This preview shows how the HunterLab color 11.9722, 21.2857, 1.6669 looks on a white background.

Color Contrast Check

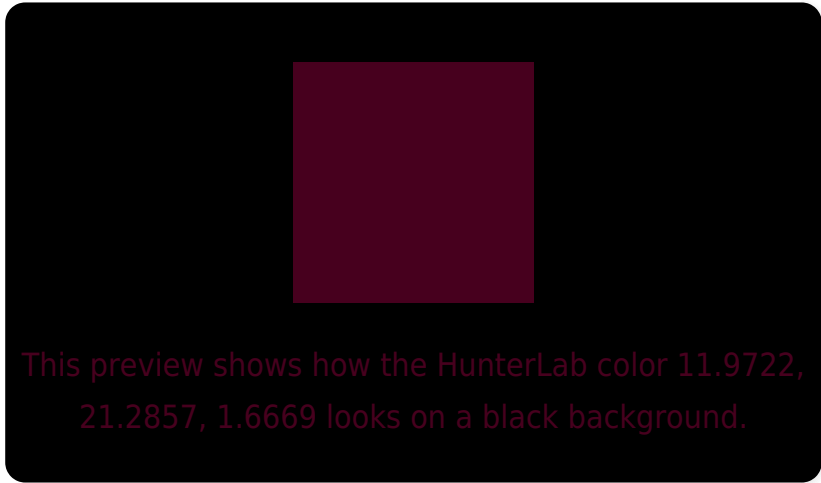
Large Text (above 18pt) WCAG AA ✓ Pass

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

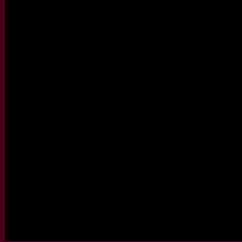
Any Text WCAG AA × Fail

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 11.9722, 21.2857, 1.6669 Background



This preview shows how black text looks on a background with the HunterLab color 11.9722, 21.2857, 1.6669.



This preview shows how white text looks on a background with the HunterLab color 11.9722, 21.2857,

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

11.9722, 21.2857, 1.6669

Protanopia

13.4199, 0.1732, -2.2554

Deuteranopia

13.3970, 0.4734, 3.6745



Tritanopia

12.6158, 16.4587, 6.4273

Trichromacy



Original Color

11.9722, 21.2857, 1.6669

Protanomaly

11.7799, 8.0475, -2.2613

Deuteranomaly

11.8935, 8.6733, 2.0039

Tritanomaly

12.3401, 17.8969, 4.9571

Monochromacy



Original Color

11.9722, 21.2857, 1.6669

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

9.7054, 7.6230, -0.2205

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.9722, 21.2857, 1.6669 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(71, 0, 30)` looks like.

```
.text, #text, p{  
    color:rgb(71, 0, 30)  
}
```

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(71, 0, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 0, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 11.9722, 21.2857, 1.6669 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(71, 0, 30) }
```


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

```
.border{ border-color:rgb(71, 0, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 0, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 0, 30); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 0, 30); box-shadow:4px  
4px 4px 4px rgb(71, 0, 30) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.9722, 21.2857, 1.6669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 0, 30) }
```

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

```
.background{ background-color: rgb(71, 0,  
30) }
```

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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