

Converting Colors

HunterLab(11.6653, 21.1508,
-1.5604)

Have a look what the booklet for
HunterLab(11.6653, 21.1508,
-1.5604) contains.

HunterLab(11.6999, 21.2325, -1.7113)	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(11.6999, 21.2325,
-1.7113)**

Conversions

Conversions Part 1

Format	Color
Hex	440026
RGB	68, 0, 38
RGB Percent	27%, 0%, 15%
CMY	0.7333, 1.0000, 0.8510
CMYK	0.00, 1.00, 0.44, 0.73
HSL	326°, 100%, 13%
HSV	326°, 100%, 27%
XYZ	2.7337, 1.3689, 1.9538
YIQ	24.6640, 28.3300, 26.2340

Conversions

Conversions Part 2

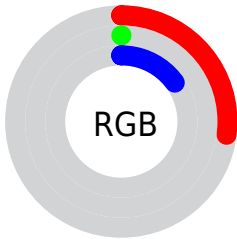
Format	Color
R_{YB}	68, 0, 38
Decimal	4456486
CIE _{Lab}	11.75, 33.59, -4.52
CIE _{LCh}	12, 33.888, 352.340
Yxy	1.3690, 0.4514, 0.2260
Android (android.graphics.Color)	4282646566 (0xFF440026)
YUV	24.6640, 6.5746, 38.0057
Hunter-Lab	11.6999, 21.2325, -1.7113

Details

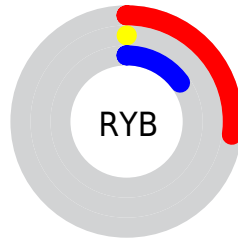
The HunterLab color **11.6999, 21.2325, -1.7113** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **20.5621, -16.0039, 8.8477**, and the grayscale version is **9.7330, -0.5193, 0.5288**.

A 20% lighter version of the original color is **26.4296, 24.6013, -1.6419**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.6999, 21.2323, -1.7107**, and if you desaturate by 10%, it is **12.3965, 19.4588, -2.0542**.

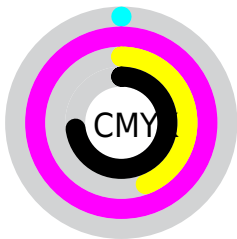
Distribution



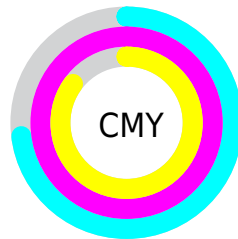
- Red (27%)
- Green (0%)
- Blue (15%)



- Red (27%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (73%)













- Cyan (73%)
- Magenta (100%)
- Yellow (85%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 11.6999, 21.2325, -1.7113 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 11.6999, 21.2325, -1.7113 by changing the saturation by 10% instead.


 11.6999, 21.2325, -1.7113	 11.6999, 21.2325, -1.7113
 102.2707, 31.3124, 1.0610	 4.4009, 33.4506, -4.0151
 26.4098, 24.2982, -1.5257	0.0000, NaN, NaN
 35.1265, 25.6475, -1.3164	0.0000, NaN, NaN
 44.6346, 26.8639, -1.0442	0.0000, NaN, NaN
 54.8730, 27.9576, -0.7162	0.0000, NaN, NaN
 65.7930, 28.9396, -0.3379	0.0000, NaN, NaN
 77.3543, 29.8204,	0.0000, NaN, NaN


0.0867


 89.5232, 30.6087,
0.5539


 11.6999, 21.2325,
-1.7113


 11.6999, 21.2325,
-1.7113


 11.6999, 21.2323,
-1.7107

 12.3965, 19.4588,
-2.0542

 13.0932, 17.8536,
-2.4100

 13.9601, 15.9023,
-2.5414

 15.0082, 13.6530,
-2.4343

 16.2180, 11.2260,
-2.1237

■ 17.5692, 8.7132,
-1.6476

■ 19.0429, 6.1763,
-1.0407

■ 20.6223, 3.6530,
-0.3319

■ 22.2932, 1.1632,
0.4563

Harmonies

Analogous

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



11.7002, 15.9516, -14.0251



11.6999, 21.2325, -1.7113



11.7002, 19.4276, 5.5767

Triad

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



11.7002, 21.2313, -1.7109



11.7002, -6.3722, 8.1902



11.7002, -9.3251, -20.5252

Complementary

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



11.6999, 21.2325, -1.7113



20.5621, -16.0039, 8.8477

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.



11.7002, -13.2876, -7.2535



11.6999, 21.2325, -1.7113



11.7002, -11.6053, 8.1902

Square

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



11.7002, 21.2313, -1.7109



11.7002, 1.7101, 8.1902



11.7002, -14.1222, 2.5807



11.7002, -2.7901, -29.0488

Rectangle

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



11.6999, 21.2325, -1.7113



11.7002, 14.6403, 8.1902



11.7002, -14.1222, 2.5807



11.7002, -10.9429, -16.1503

Sweetspot

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



11.7002, 21.2313, -1.7109



24.8503, 8.5705, -1.4826



8.2796, 19.2173, -33.7236



12.7268, 4.8062, -0.8586



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.



11.7002, 21.2313, -1.7109



15.3800, 27.8288, -1.6134



11.1308, 19.1494, 6.5001



11.6130, 0.4061, 0.2995



16.7440, 30.2736, -1.5750



41.7158, 75.0131, -0.7459

Inverse Universe

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



11.7002, 21.2313, -1.7109



15.3800, 27.8288, -1.6134



21.2094, -12.0578, -0.4800



11.6130, 0.4061, 0.2995



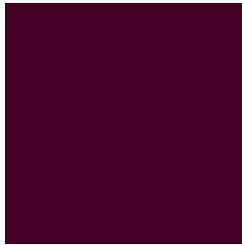
16.7440, 30.2736, -1.5750



41.7158, 75.0131, -0.7459

Previews

White Background



This preview shows how the HunterLab color 11.6999, 21.2325, -1.7113 looks on a white background.

Color Contrast Check

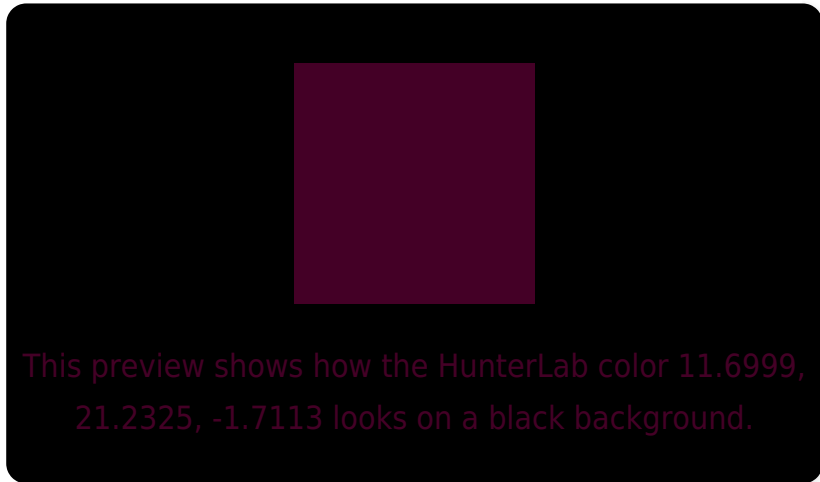
Large Text (above 18pt) WCAG AA ✓ Pass

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

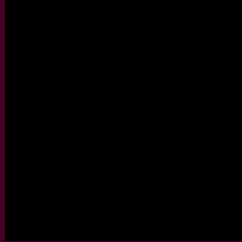
Any Text WCAG AA × Fail

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 11.6999, 21.2325, -1.7113 Background



This preview shows how black text looks on a background with the HunterLab color 11.6999, 21.2325, -1.7113.



This preview shows how white text looks on a background with the HunterLab color 11.6999, 21.2325, -1.7113.

-1.7113.

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

11.6999, 21.2325, -1.7113

Protanopia

13.1875, 1.2494, -8.1022

Deuteranopia

13.0259, 0.6664, 0.8005



Tritanopia

12.5277, 14.7205, 5.8383

Trichromacy



Original Color

11.6999, 21.2325, -1.7113

Protanomaly

11.4419, 8.6436, -7.8553

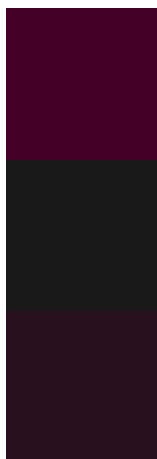
Deuteranomaly

11.7444, 8.6402, -1.0380

Tritanomaly

12.1336, 16.6909, 3.8078

Monochromacy



Original Color

11.6999, 21.2325, -1.7113

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

9.6733, 7.6892, -1.4332

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.6999, 21.2325, -1.7113 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(68, 0, 38)` looks like.

```
.text, #text, p{  
    color:rgb(68, 0, 38)  
}
```

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(68, 0, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 0, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 11.6999, 21.2325, -1.7113 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(68, 0, 38) }
```


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

```
.border{ border-color:rgb(68, 0, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 0, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 0, 38); -webkit-box-shadow:4px  
4px 4px 4px rgb(68, 0, 38); box-shadow:4px  
4px 4px 4px rgb(68, 0, 38) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.6999, 21.2325, -1.7113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 0, 38) }
```

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

```
.background{ background-color: rgb(68, 0,  
38) }
```

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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