

Converting Colors

HunterLab(11.6229, 20.8694,
0.0155)

Have a look what the booklet for
HunterLab(11.6229, 20.8694,
0.0155) contains.

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Color

**HunterLab(11.5704, 20.7637,
0.1201)**

Conversions

Conversions Part 1

Format	Color
Hex	440021
RGB	68, 0, 33
RGB Percent	27%, 0%, 13%
CMY	0.7333, 1.0000, 0.8706
CMYK	0.00, 1.00, 0.51, 0.73
HSL	331°, 100%, 13%
HSV	331°, 100%, 27%
XYZ	2.6584, 1.3387, 1.5571
YIQ	24.0940, 29.9350, 24.6790

Conversions

Conversions Part 2

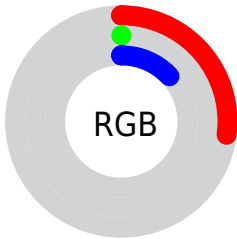
Format	Color
R_{YB}	68, 0, 33
Decimal	4456481
CIE _{Lab}	11.54, 33.05, -1.06
CIE _{LCh}	12, 33.066, 358.170
Yxy	1.3388, 0.4786, 0.2410
Android (android.graphics.Color)	4282646561 (0xFF440021)
YUV	24.0940, 4.3907, 38.5056
Hunter-Lab	11.5704, 20.7637, 0.1201

Details

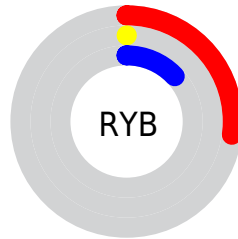
The HunterLab color **11.5704, 20.7637, 0.1201** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **20.6291, -15.5888, 7.8678**, and the grayscale version is **9.5669, -0.5105, 0.5198**.

A 20% lighter version of the original color is **26.2613, 23.8427, 0.7478**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.5704, 20.7635, 0.1207**, and if you desaturate by 10%, it is **12.2763, 18.9942, -0.3586**.

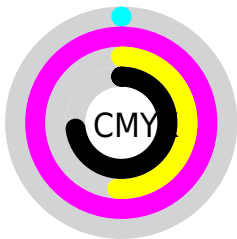
Distribution



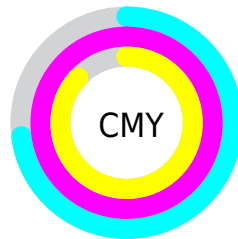
- Red (27%)
- Green (0%)
- Blue (13%)



- Red (27%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (51%)
- Black (73%)



- Cyan (73%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.5704, 20.7637, 0.1201 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 11.5704, 20.7637, 0.1201 by changing the saturation by 10% instead.

■ 11.5704, 20.7637,
0.1201

■ 11.5704, 20.7637,
0.1201

■ 102.0036, 30.6746,
4.5178

■ 4.1348, 34.8906,
-0.8334

■ 26.2398, 23.7968,
0.7653

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 34.9395, 25.1265,
1.1741

0.0000, NaN, NaN

■ 44.4320, 26.3229,
1.6313

0.0000, NaN, NaN

■ 54.6560, 27.3966,
2.1325

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 65.5624, 28.3589,
2.6743


0.0000, NaN, NaN


■ 77.1109, 29.2202,


0.0000, NaN, NaN


3.2539


 89.2677, 29.9896,
3.8690


 11.5704, 20.7637,
0.1201


 11.5704, 20.7637,
0.1201


 11.5704, 20.7635,
0.1207

 12.2763, 18.9942,
-0.3586

 12.9833, 17.4061,
-0.8626

 13.8626, 15.4833,
-1.1691

 14.9245, 13.2742,
-1.2553

 16.1488, 10.8977,
-1.1467

■ 17.5146, 8.4433,
-0.8746

■ 19.0026, 5.9704,
-0.4693

■ 20.5959, 3.5144,
0.0429

■ 22.2802, 1.0936,
0.6405

Harmonies

Analogous

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



11.5707, 16.8750, -10.9906



11.5704, 20.7637, 0.1201



11.5707, 17.6817, 6.5613

Triad

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



11.5707, 20.7625, 0.1205



11.5707, -7.3881, 8.0995



11.5707, -8.0768, -22.0149

Complementary

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



11.5704, 20.7637, 0.1201



20.6291, -15.5888, 7.8678

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.



11.5707, -12.4869, -9.4226



11.5704, 20.7637, 0.1201



11.5707, -12.0893, 7.2164

Square

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



11.5707, 20.7625, 0.1205



11.5707, -0.0896, 8.0995



11.5707, -13.9555, 1.1170



11.5707, -1.1371, -28.3351

Rectangle

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



11.5704, 20.7637, 0.1201



11.5707, 12.4784, 8.0995



11.5707, -13.9555, 1.1170



11.5707, -9.8142, -18.0711

Sweetspot

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



11.5707, 20.7625, 0.1205



24.7948, 8.2879, -0.6956



8.7037, 19.6980, -31.5458



12.6959, 4.6503, -0.4217



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.



11.5707, 20.7625, 0.1205



15.2084, 27.2066, 0.8208



11.0861, 18.9836, 7.1630



11.6074, 0.3758, 0.3798



16.5569, 29.5949, 1.0814



41.2470, 73.3080, 5.9455

Inverse Universe

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



11.5707, 20.7625, 0.1205



15.2084, 27.2066, 0.8208



21.3345, -11.3103, -2.2500



11.6074, 0.3758, 0.3798



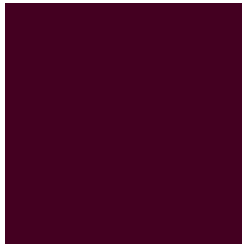
16.5569, 29.5949, 1.0814



41.2470, 73.3080, 5.9455

Previews

White Background



This preview shows how the HunterLab color 11.5704, 20.7637, 0.1201 looks on a white background.

Color Contrast Check

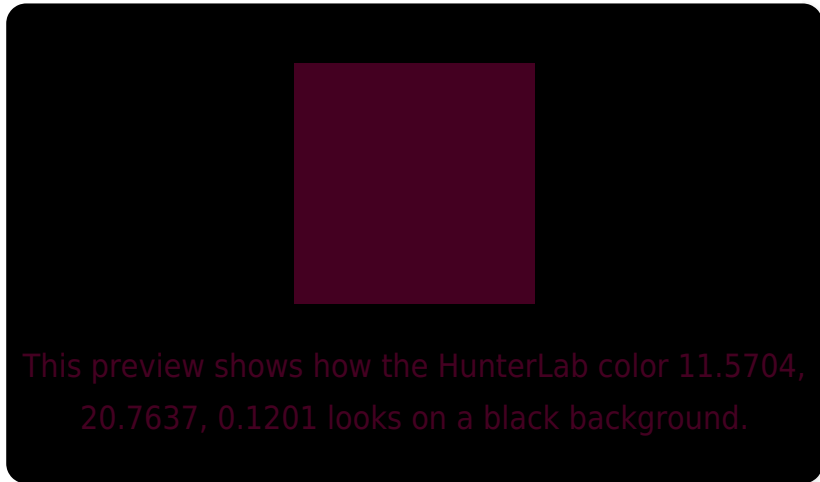
Large Text (above 18pt) WCAG AA ✓ Pass

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

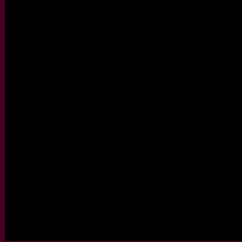
Any Text WCAG AA × Fail

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 11.5704, 20.7637, 0.1201 Background



This preview shows how black text looks on a background with the HunterLab color 11.5704, 20.7637, 0.1201.



This preview shows how white text looks on a background with the HunterLab color 11.5704, 20.7637,

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

11.5704, 20.7637, 0.1201

Protanopia

13.1246, 0.5635, -4.5351

Deuteranopia

13.0737, 0.6161, 2.4963



Tritanopia

12.2890, 15.2619, 6.0025

Trichromacy



Original Color

11.5704, 20.7637, 0.1201

Protanomaly

11.4286, 8.1940, -4.6712

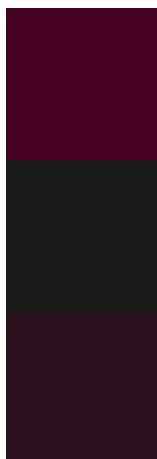
Deuteranomaly

11.7327, 8.3663, 0.8252

Tritanomaly

11.9057, 17.0643, 4.3392

Monochromacy



Original Color

11.5704, 20.7637, 0.1201

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

9.3375, 7.4349, -0.7001

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.5704, 20.7637, 0.1201 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, 33)` looks like.

```
.text, #text, p{  
    color:rgb(68, 0, 33)  
}
```

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, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 0, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 11.5704, 20.7637, 0.1201 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, 33) }
```


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

```
.border{ border-color:rgb(68, 0, 33) }
```

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, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 0, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(68, 0, 33); box-shadow:4px  
4px 4px 4px rgb(68, 0, 33) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.5704, 20.7637, 0.1201 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, 33) }
```

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

```
.background{ background-color: rgb(68, 0,  
33) }
```

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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