

Converting Colors

HunterLab(18.1973, 45.3424,
-5.0740)

Have a look what the booklet for
HunterLab(18.1973, 45.3424,
-5.0740) contains.

HunterLab(20.4625, 37.0231, -2.1291)	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(20.4625, 37.0231,
-2.1291)**

Conversions

Conversions Part 1

Format	Color
Hex	750043
RGB	117, 0, 67
RGB Percent	46%, 0%, 26%
CMY	0.5412, 1.0000, 0.7373
CMYK	0.00, 1.00, 0.43, 0.54
HSL	326°, 100%, 23%
HSV	326°, 100%, 46%
XYZ	8.3492, 4.1871, 5.6783
YIQ	42.6210, 48.2250, 45.6410

Conversions

Conversions Part 2

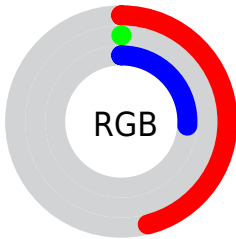
Format	Color
R_{YB}	117, 0, 67
Decimal	7667779
CIE Lab	24.28, 48.64, -5.27
CIE LCh	24, 48.924, 353.814
Yxy	4.1874, 0.4584, 0.2299
Android (android.graphics.Color)	4285857859 (0xFF750043)
YUV	42.6210, 12.0188, 65.2304
Hunter-Lab	20.4625, 37.0231, -2.1291

Details

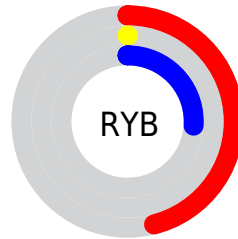
The HunterLab color **20.4625, 37.0231, -2.1291** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **35.9903, -28.5759, 16.7036**, and the grayscale version is **15.3716, -0.8202, 0.8352**.

A 20% lighter version of the original color is **37.4412, 40.6794, -1.9013**, and **10.6158, 18.8410, 1.7346** is the 20% darker color. If you saturate the color by 10%, you get **20.4624, 37.0226, -2.1272**, and if you desaturate by 10%, it is **21.2268, 35.4563, -3.4242**.

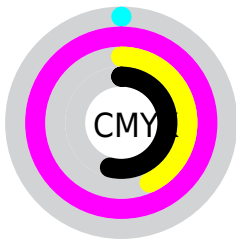
Distribution



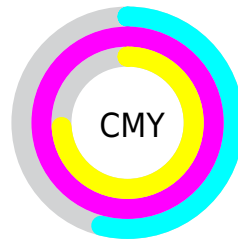
- Red (46%)
- Green (0%)
- Blue (26%)



- Red (46%)
- Yellow (0%)
- Blue (26%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4625, 37.0231, -2.1291 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 20.4625, 37.0231, -2.1291 by changing the saturation by 10% instead.

20.4625, 37.0231,
-2.1291

20.4625, 37.0231,
-2.1291

119.0247, 50.7913,
0.9410

13.3376, 35.1833,
-2.1544

37.4618, 40.7904,
-1.8306

6.8847, 37.6080,
-2.7992

47.1601, 42.5401,
-1.5818

0.0000, INF, NaN

0.0000, NaN, NaN

57.5753, 44.1763,
-1.2765

0.0000, NaN, NaN

68.6611, 45.7005,
-0.9203

0.0000, NaN, NaN

80.3793, 47.1177,
-0.5172

0.0000, NaN, NaN

0.0000, NaN, NaN

92.6973, 48.4343,

-0.0709

0.0000, NaN, NaN

105.5872, 49.6568,
0.4160

20.4625, 37.0231,
-2.1291

20.4625, 37.0231,
-2.1291

20.4624, 37.0226,
-2.1272

21.2268, 35.4563,
-3.4242

22.2418, 33.2279,
-4.4298

23.6637, 29.9731,
-4.8952

25.4715, 25.9617,
-4.8394

27.6270, 21.4768,
-4.3311

■ 30.0861, 16.7487,
-3.4560

■ 32.8061, 11.9361,
-2.2958

■ 35.7489, 7.1353,
-0.9181

■ 38.8824, 2.3976,
0.6245

Harmonies

Analogous

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



20.4631, 28.3894, -23.1747



20.4625, 37.0231, -2.1291



20.4631, 33.2724, 9.4841

Triad

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



20.4631, 37.0210, -2.1284



20.4631, -11.6458, 14.3242



20.4631, -15.6973, -36.6583

Complementary

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



20.4625, 37.0231, -2.1291



35.9903, -28.5759, 16.7036

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.



20.4631, -21.6155, -13.6690



20.4625, 37.0231, -2.1291



20.4631, -19.8013, 11.6949

Square

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



20.4631, 37.0210, -2.1284



20.4631, 2.1663, 14.3242



20.4631, -22.8597, 3.8995



20.4631, -4.1602, -50.6177

Rectangle

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



20.4625, 37.0231, -2.1291



20.4631, 24.6819, 12.7050



20.4631, -22.8597, 3.8995



20.4631, -18.2560, -29.1733

Sweetspot

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



20.4631, 37.0210, -2.1284



43.6035, 16.4785, -3.2055



13.8979, 33.0372, -62.6547



20.3196, 8.9201, -1.7958



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



20.4631, 37.0210, -2.1284



27.3321, 49.3612, -2.1380



19.5026, 33.5054, 11.7519



19.3203, 0.9615, 0.3838



21.4712, 38.8347, -2.1300



47.2140, 85.0617, -2.0986

Inverse Universe

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



20.4631, 37.0210, -2.1284



27.3321, 49.3612, -2.1380



37.1341, -21.5858, 0.1842



19.3203, 0.9615, 0.3838



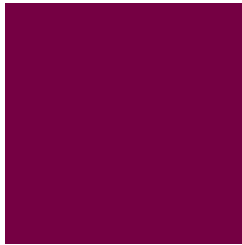
21.4712, 38.8347, -2.1300



47.2140, 85.0617, -2.0986

Previews

White Background



This preview shows how the HunterLab color 20.4625, 37.0231, -2.1291 looks on a white background.

Color Contrast Check

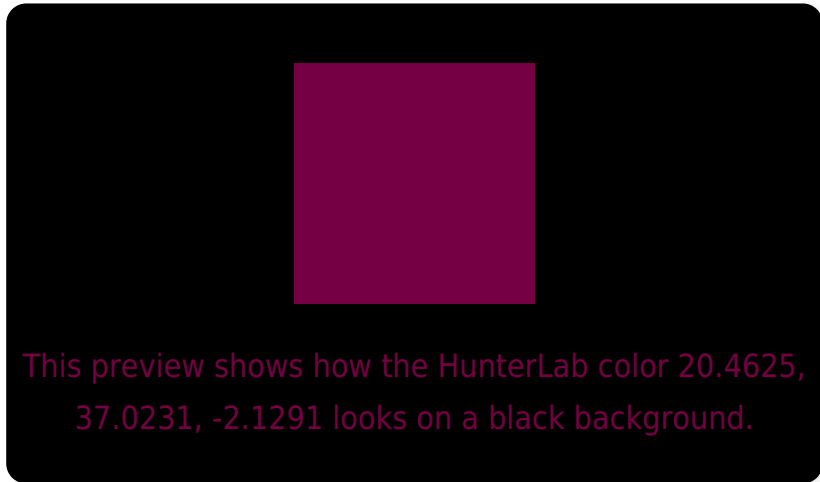
Large Text (above 18pt) WCAG AA ✓ Pass

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

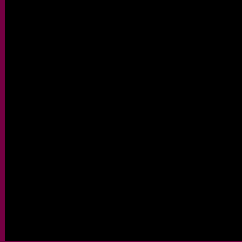
Any Text WCAG AA × Fail

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 20.4625, 37.0231, -2.1291 Background



This preview shows how black text looks on a background with the HunterLab color 20.4625, 37.0231, -2.1291.



This preview shows how white text looks on a background with the HunterLab color 20.4625, 37.0231, -2.1291.

-2.1291.

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

20.4625, 37.0231, -2.1291

Protanopia

21.6901, 2.7464, -16.8364

Deuteranopia

21.8468, 0.9876, 1.1107



Tritanopia

21.2317, 27.2441, 10.6642

Trichromacy



Original Color

20.4625, 37.0231, -2.1291

Protanomaly

18.5972, 16.2181, -15.6562

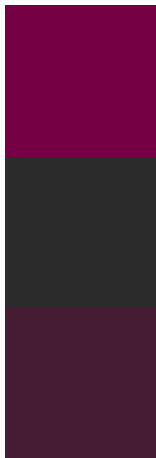
Deuteranomaly

19.2034, 16.2617, -2.8581

Tritanomaly

20.6907, 31.2618, 7.0199

Monochromacy



Original Color

20.4625, 37.0231, -2.1291

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.2771, 14.5985, -2.9393

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4625, 37.0231, -2.1291 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(117, 0, 67)` looks like.

```
.text, #text, p{  
    color:rgb(117, 0, 67)  
}
```

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(117, 0, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 0, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4625, 37.0231, -2.1291 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(117, 0, 67) }
```


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

```
.border{ border-color:rgb(117, 0, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 0, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 0, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 0, 67);  
box-shadow:4px 4px 4px 4px rgb(117, 0, 67)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.4625, 37.0231, -2.1291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 0, 67) }
```

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

```
.background{ background-color: rgb(117, 0,  
67) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor