

Converting Colors

HunterLab(14.5358, 66.0891,
-10.8352)

Have a look what the booklet for
HunterLab(14.5358, 66.0891,
-10.8352) contains.

HunterLab(20.7733, 37.4683, -1.2547)	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(20.7733, 37.4683,
-1.2547)**

Conversions

Conversions Part 1

Format	Color
Hex	770042
RGB	119, 0, 66
RGB Percent	47%, 0%, 26%
CMY	0.5333, 1.0000, 0.7412
CMYK	0.00, 1.00, 0.45, 0.53
HSL	327°, 100%, 23%
HSV	327°, 100%, 47%
XYZ	8.5911, 4.3153, 5.5344
YIQ	43.1050, 49.7380, 45.7540

Conversions

Conversions Part 2

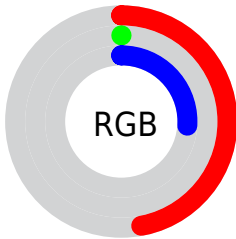
Format	Color
R_{YB}	119, 0, 66
Decimal	7798850
CIE _{Lab}	24.69, 49.01, -3.93
CIE _{LCh}	25, 49.170, 355.411
Yxy	4.3156, 0.4659, 0.2340
Android (android.graphics.Color)	4285988930 (0xFF770042)
YUV	43.1050, 11.2872, 66.5599
Hunter-Lab	20.7733, 37.4683, -1.2547

Details

The HunterLab color **20.7733, 37.4683, -1.2547** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **36.6754, -28.9455, 16.6452**, and the grayscale version is **15.5320, -0.8287, 0.8439**.

A 20% lighter version of the original color is **37.7164, 41.2610, -1.0625**, and **10.9076, 19.2842, 2.3616** is the 20% darker color. If you saturate the color by 10%, you get **20.7731, 37.4678, -1.2526**, and if you desaturate by 10%, it is **21.5443, 35.9135, -2.6408**.

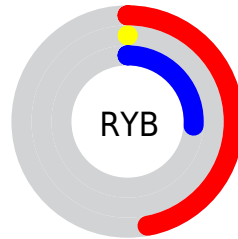
Distribution



Red (47%)

Green (0%)

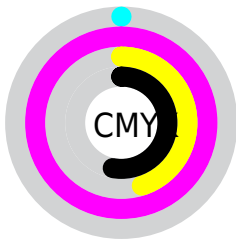
Blue (26%)



Red (47%)

Yellow (0%)

Blue (26%)

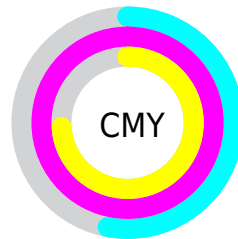


Cyan (0%)

Magenta (100%)

Yellow (45%)

Black (53%)



Cyan (53%)

Magenta (100%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7733, 37.4683, -1.2547 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 20.7733, 37.4683, -1.2547 by changing the saturation by 10% instead.

■ 20.7733, 37.4683,
-1.2547

■ 20.7733, 37.4683,
-1.2547

■ 119.5827, 51.3111,
2.3952

■ 13.6073, 35.6180,
-1.3678

■ 37.8417, 41.2501,
-0.8002

■ 7.2044, 37.1047,
-1.8711

■ 47.5702, 43.0075,
-0.4811

0.0000, INF, NaN

0.0000, NaN, NaN

■ 58.0135, 44.6519,
-0.1097

0.0000, NaN, NaN

■ 69.1258, 46.1846,
0.3093

0.0000, NaN, NaN

■ 80.8690, 47.6106,
0.7721

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.2107, 48.9361,

1.2756

0.0000, NaN, NaN

106.1234, 50.1676,
1.8174

20.7733, 37.4683,
-1.2547

20.7733, 37.4683,
-1.2547

20.7731, 37.4678,
-1.2526

21.5443, 35.9135,
-2.6408

22.5781, 33.6657,
-3.7425

24.0292, 30.3704,
-4.3098

25.8760, 26.3038,
-4.3546

28.0790, 21.7557,
-3.9410

■ 30.5927, 16.9614,
-3.1524

■ 33.3732, 12.0828,
-2.0697

■ 36.3813, 7.2173,
-0.7609

■ 39.5840, 2.4168,
0.7207

Harmonies

Analogous

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



20.7739, 29.3606, -22.0915



20.7733, 37.4683, -1.2547



20.7739, 33.0190, 9.9569

Triad

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



20.7739, 37.4661, -1.2540



20.7739, -12.3611, 14.5417



20.7739, -15.4015, -38.0562

Complementary

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



20.7733, 37.4683, -1.2547



36.6754, -28.9455, 16.6452

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.



20.7739, -21.6770, -14.9744



20.7733, 37.4683, -1.2547



20.7739, -20.3144, 11.6143

Square

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



20.7739, 37.4661, -1.2540



20.7739, 1.3155, 14.5417



20.7739, -23.1698, 3.2626



20.7739, -3.4283, -51.1900

Rectangle

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



20.7733, 37.4683, -1.2547



20.7739, 24.0651, 13.0354



20.7739, -23.1698, 3.2626



20.7739, -18.0927, -30.6441

Sweetspot

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



20.7739, 37.4661, -1.2540



44.3605, 16.6737, -2.8933



14.3212, 33.8208, -62.8380



20.9627, 9.2044, -1.6640



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



20.7739, 37.4661, -1.2540



27.7476, 49.9553, -0.9596



19.8485, 34.0754, 12.1456



19.3176, 0.9471, 0.4220



21.4073, 38.6034, -1.2268



47.0719, 84.5465, -0.0828

Inverse Universe

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



20.7739, 37.4661, -1.2540



27.7476, 49.9553, -0.9596



37.8720, -21.6420, -0.6168



19.3176, 0.9471, 0.4220



21.4073, 38.6034, -1.2268



47.0719, 84.5465, -0.0828

Previews

White Background



This preview shows how the HunterLab color 20.7733, 37.4683, -1.2547 looks on a white background.

Color Contrast Check

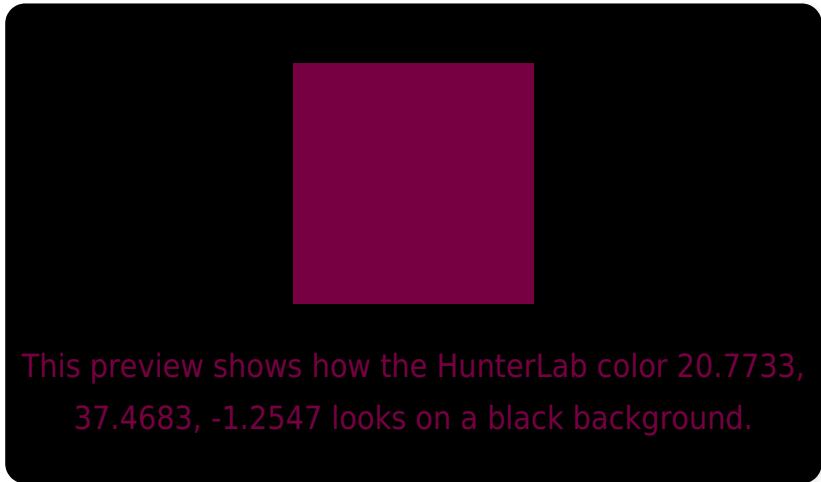
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7733, 37.4683, -1.2547 Background



This preview shows how black text looks on a background with the HunterLab color 20.7733, 37.4683, -1.2547.



This preview shows how white text looks on a background with the HunterLab color 20.7733, 37.4683, -1.2547.

-1.2547.

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

20.7733, 37.4683, -1.2547

Protanopia

22.0625, 2.6494, -15.4536

Deuteranopia

21.9860, 1.4073, 1.6667



Tritanopia

21.4472, 28.2450, 10.8436

Trichromacy



Original Color

20.7733, 37.4683, -1.2547

Protanomaly

19.0463, 16.3984, -14.0864

Deuteranomaly

19.4200, 16.7599, -2.0974

Tritanomaly

21.0061, 31.8308, 7.5799

Monochromacy



Original Color

20.7733, 37.4683, -1.2547

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.3703, 14.7704, -2.3516

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7733, 37.4683, -1.2547 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(119, 0, 66)` looks like.

```
.text, #text, p{  
    color:rgb(119, 0, 66)  
}
```

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(119, 0, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 0, 66) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7733, 37.4683, -1.2547 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(119, 0, 66) }
```


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

```
.border{ border-color:rgb(119, 0, 66) }
```

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

Here you see how a box with a 4 pixel rgb(119, 0, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 0, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 0, 66);  
box-shadow:4px 4px 4px 4px rgb(119, 0, 66)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7733, 37.4683, -1.2547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 0, 66) }
```

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

```
.background{ background-color: rgb(119, 0,  
66) }
```

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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