

Converting Colors

HunterLab(20.0986, 35.5975,
3.8544)

Have a look what the booklet for
HunterLab(20.0986, 35.5975,
3.8544) contains.

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Color

**HunterLab(20.0522, 35.5320,
3.7176)**

Conversions

Conversions Part 1

Format	Color
Hex	750033
RGB	117, 0, 51
RGB Percent	46%, 0%, 20%
CMY	0.5412, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.56, 0.54
HSL	334°, 100%, 23%
HSV	334°, 100%, 46%
XYZ	7.9336, 4.0209, 3.4899
YIQ	40.7970, 53.3610, 40.6650

Conversions

Conversions Part 2

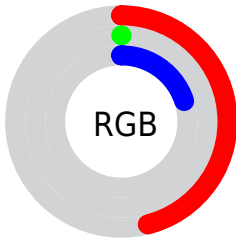
Format	Color
R_{YB}	117, 0, 51
Decimal	7667763
CIE Lab	23.74, 47.22, 4.99
CIE LCh	24, 47.480, 6.031
Yxy	4.0212, 0.5137, 0.2604
Android (android.graphics.Color)	4285857843 (0xFF750033)
YUV	40.7970, 5.0301, 66.8300
Hunter-Lab	20.0522, 35.5320, 3.7176

Details

The HunterLab color **20.0522, 35.5320, 3.7176** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **36.2161, -27.1760, 13.3995**, and the grayscale version is **14.7990, -0.7896, 0.8041**.

A 20% lighter version of the original color is **36.9355, 39.2839, 5.2933**, and **10.3224, 17.7624, 6.0118** is the 20% darker color. If you saturate the color by 10%, you get **20.0520, 35.5314, 3.7196**, and if you desaturate by 10%, it is **20.8310, 33.9624, 2.1881**.

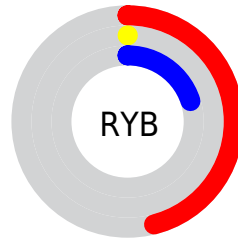
Distribution



Red (46%)

Green (0%)

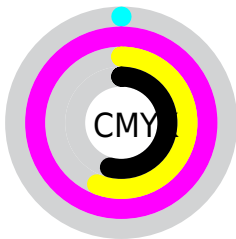
Blue (20%)



Red (46%)

Yellow (0%)

Blue (20%)

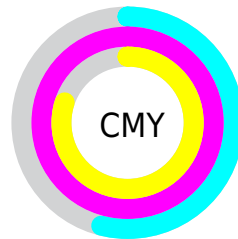


Cyan (0%)

Magenta (100%)

Yellow (56%)

Black (54%)



Cyan (54%)

Magenta (100%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0522, 35.5320, 3.7176 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 20.0522, 35.5320, 3.7176 by changing the saturation by 10% instead.

20.0522, 35.5320,
3.7176

20.0522, 35.5320,
3.7176

118.2851, 48.9274,
11.4343

12.9823, 33.7092,
2.9224

36.9594, 39.2311,
5.3133

6.4357, 37.5850,
3.5634

46.6173, 40.9394,
6.1299

0.0000, INF, NaN

0.0000, NaN, NaN

56.9951, 42.5325,
6.9640

0.0000, NaN, NaN

68.0458, 44.0125,
7.8173

0.0000, NaN, NaN

79.7306, 45.3854,
8.6907

0.0000, NaN, NaN


0.0000, NaN, NaN


92.0169, 46.6578,


9.5845


0.0000, NaN, NaN


 104.8766, 47.8364,
10.4991


 20.0522, 35.5320,
3.7176


 20.0522, 35.5320,
3.7176


 20.0520, 35.5314,
3.7196

 20.8310, 33.9624,
2.1881

 21.8715, 31.7642,
0.8027

 23.3300, 28.5782,
-0.1889

 25.1821, 24.6804,
-0.7578

 27.3861, 20.3521,
-0.9286

■ 29.8952, 15.8155,
-0.7540

■ 32.6650, 11.2194,
-0.2938

■ 35.6565, 6.6507,
0.3967

■ 38.8371, 2.1536,
1.2711

Harmonies

Analogous

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



20.0528, 31.8794, -13.2074



20.0522, 35.5320, 3.7176



20.0528, 27.3184, 11.3488

Triad

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



20.0528, 35.5297, 3.7182



20.0528, -15.1461, 13.5128



20.0528, -11.3181, -42.3563

Complementary

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



20.0522, 35.5320, 3.7176



36.2161, -27.1760, 13.3995

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.



20.0528, -19.2041, -22.0675



20.0522, 35.5320, 3.7176



20.0528, -20.9269, 9.2353

Square

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



20.0528, 35.5297, 3.7182



20.0528, -3.9577, 14.0370



20.0528, -22.1622, -1.9468



20.0528, 1.9887, -48.3497

Rectangle

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



20.0522, 35.5320, 3.7176



20.0528, 17.3103, 13.7153



20.0528, -22.1622, -1.9468



20.0528, -14.5562, -36.5106

Sweetspot

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



20.0528, 35.5297, 3.7182



43.4092, 15.4962, -0.4535



15.4484, 34.7652, -54.4628



20.2160, 8.4022, -0.3287



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.



20.0528, 35.5297, 3.7182



26.7839, 47.3671, 5.6882



19.7715, 32.2057, 12.7459



19.3000, 0.8527, 0.6717



21.0406, 37.2696, 4.0081



46.2686, 81.6189, 11.4296

Inverse Universe

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



20.0528, 35.5297, 3.7182



26.7839, 47.3671, 5.6882



35.6176, -17.6683, -6.3768



19.3000, 0.8527, 0.6717



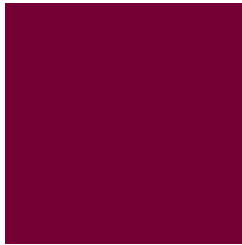
21.0406, 37.2696, 4.0081



46.2686, 81.6189, 11.4296

Previews

White Background



This preview shows how the HunterLab color 20.0522, 35.5320, 3.7176 looks on a white background.

Color Contrast Check

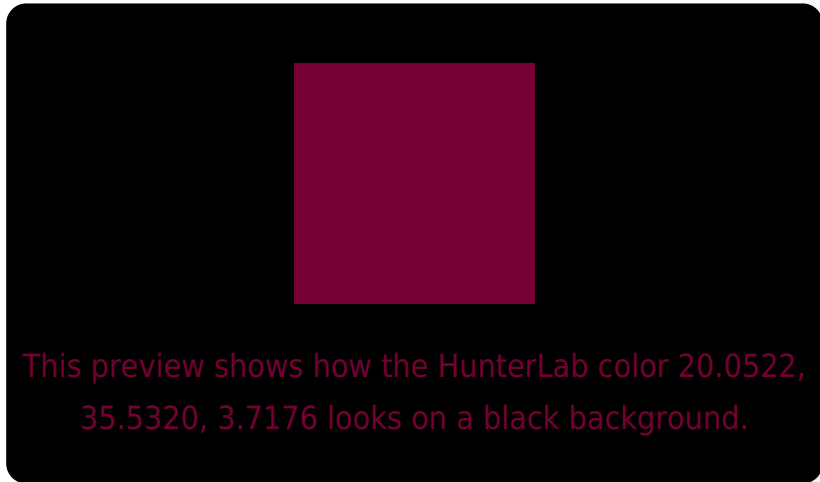
Large Text (above 18pt) WCAG AA ✓ Pass

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

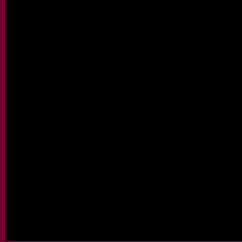
Any Text WCAG AA × Fail

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 20.0522, 35.5320, 3.7176 Background



This preview shows how black text looks on a background with the HunterLab color 20.0522, 35.5320, 3.7176.



This preview shows how white text looks on a background with the HunterLab color 20.0522, 35.5320,

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

20.0522, 35.5320, 3.7176

Protanopia

21.4383, 0.2778, -4.7022

Deuteranopia

21.3611, 1.0967, 6.0075



Tritanopia

20.6490, 29.3797, 11.3379

Trichromacy



Original Color

20.0522, 35.5320, 3.7176

Protanomaly

18.5522, 14.6880, -4.7833

Deuteranomaly

19.0033, 15.7723, 3.2614

Tritanomaly

20.2479, 31.5101, 9.2324

Monochromacy



Original Color

20.0522, 35.5320, 3.7176

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.8103, 13.8222, -0.5706

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0522, 35.5320, 3.7176 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, 51)` looks like.

```
.text, #text, p{  
    color:rgb(117, 0, 51)  
}
```

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, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 0, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0522, 35.5320, 3.7176 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, 51) }
```


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

```
.border{ border-color:rgb(117, 0, 51) }
```

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, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 0, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 0, 51);  
box-shadow:4px 4px 4px 4px rgb(117, 0, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.0522, 35.5320, 3.7176 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, 51) }
```

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

```
.background{ background-color: rgb(117, 0,  
51) }
```

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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