

Converting Colors

HunterLab(20.7960, 37.2600,
0.6760)

Have a look what the booklet for
HunterLab(20.7960, 37.2600,
0.6760) contains.

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Color

**HunterLab(20.8348, 37.3494,
0.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	78003E
RGB	120, 0, 62
RGB Percent	47%, 0%, 24%
CMY	0.5294, 1.0000, 0.7569
CMYK	0.00, 1.00, 0.48, 0.53
HSL	329°, 100%, 24%
HSV	329°, 100%, 47%
XYZ	8.6153, 4.3409, 4.9412
YIQ	42.9480, 51.6180, 44.7220

Conversions

Conversions Part 2

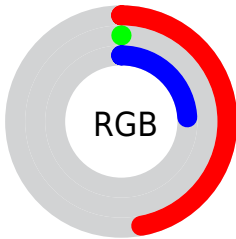
Format	Color
R_{YB}	120, 0, 62
Decimal	7864382
CIE Lab	24.77, 48.88, -1.05
CIE LCh	25, 48.887, 358.772
Yxy	4.3411, 0.4814, 0.2426
Android (android.graphics.Color)	4286054462 (0xFF78003E)
YUV	42.9480, 9.3926, 67.5746
Hunter-Lab	20.8348, 37.3494, 0.5230

Details

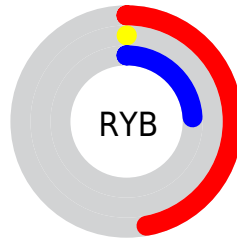
The HunterLab color **20.8348, 37.3494, 0.5230** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **37.0657, -28.8397, 15.9290**, and the grayscale version is **15.4863, -0.8263, 0.8414**.

A 20% lighter version of the original color is **37.8783, 41.3455, 1.4179**, and **10.9944, 19.2875, 3.5433** is the 20% darker color. If you saturate the color by 10%, you get **20.8346, 37.3489, 0.5252**, and if you desaturate by 10%, it is **21.6131, 35.8025, -0.9704**.

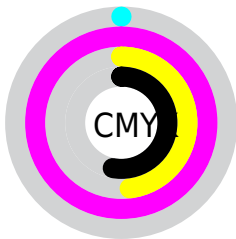
Distribution



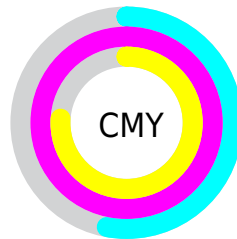
- Red (47%)
- Green (0%)
- Blue (24%)



- Red (47%)
- Yellow (0%)
- Blue (24%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8348, 37.3494, 0.5230 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 20.8348, 37.3494, 0.5230 by changing the saturation by 10% instead.

20.8348, 37.3494,
0.5230

20.8348, 37.3494,
0.5230

119.6929, 51.1459,
5.4330

13.6608, 35.4978,
0.2107

37.9168, 41.1232,
1.3222

7.2658, 36.8018,
-0.2022

47.6512, 42.8752,
1.7945

0.0000, INF, NaN

0.0000, NaN, NaN

58.1001, 44.5141,
2.3096

0.0000, NaN, NaN

69.2176, 46.0411,
2.8642

0.0000, NaN, NaN

80.9657, 47.4615,
3.4559

0.0000, NaN, NaN

0.0000, NaN, NaN

93.3121, 48.7816,

4.0824

0.0000, NaN, NaN

106.2293, 50.0077,
4.7419

20.8348, 37.3494,
0.5230

20.8348, 37.3494,
0.5230

20.8346, 37.3489,
0.5252

21.6131, 35.8025,
-0.9704

22.6625, 33.5540,
-2.2137

24.1370, 30.2557,
-2.9564

26.0137, 26.1882,
-3.1964

28.2515, 21.6445,
-2.9855

■ 30.8039, 16.8606,
-2.3989

■ 33.6259, 11.9974,
-1.5123

■ 36.6776, 7.1514,
-0.3914

■ 39.9255, 2.3727,
0.9114

Harmonies

Analogous

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



20.8354, 30.5924, -19.2930



20.8348, 37.3494, 0.5230



20.8354, 31.5659, 10.6250

Triad

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



20.8354, 37.3472, 0.5237



20.8354, -13.4965, 14.5848



20.8354, -14.3082, -39.9665

Complementary

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



20.8348, 37.3494, 0.5230



37.0657, -28.8397, 15.9290

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.



20.8354, -21.1794, -17.4008



20.8348, 37.3494, 0.5230



20.8354, -20.8151, 11.0683

Square

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



20.8354, 37.3472, 0.5237



20.8354, -0.4768, 14.5848



20.8354, -23.1653, 1.7267



20.8354, -1.7413, -50.9564

Rectangle

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



20.8348, 37.3494, 0.5230



20.8354, 22.1138, 13.4037



20.8354, -23.1653, 1.7267



20.8354, -17.2095, -32.9391

Sweetspot

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



20.8354, 37.3472, 0.5237



44.3048, 16.3923, -2.1050



15.0202, 34.7459, -60.2778



20.9324, 9.0531, -1.2351



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.



20.8354, 37.3472, 0.5237



27.5819, 49.3541, 1.3954



19.9944, 34.2595, 12.7489



20.1157, 0.9728, 0.5183



21.7547, 38.9861, 0.6429



47.3314, 84.4853, 4.0038

Inverse Universe

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



20.8354, 37.3472, 0.5237



27.5819, 49.3541, 1.3954



38.3941, -20.7601, -3.1730



20.1157, 0.9728, 0.5183



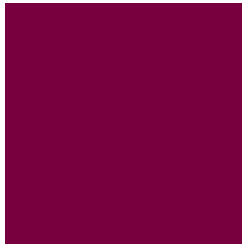
21.7547, 38.9861, 0.6429



47.3314, 84.4853, 4.0038

Previews

White Background



This preview shows how the HunterLab color 20.8348, 37.3494, 0.5230 looks on a white background.

Color Contrast Check

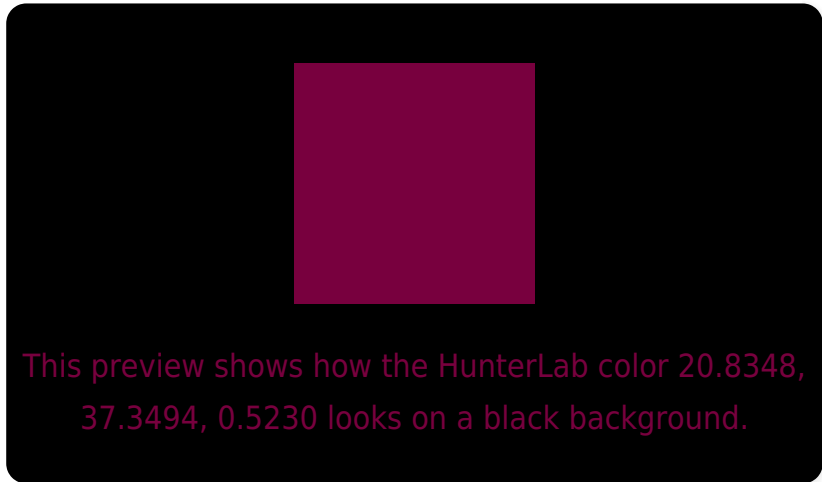
Large Text (above 18pt) WCAG AA ✓ Pass

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

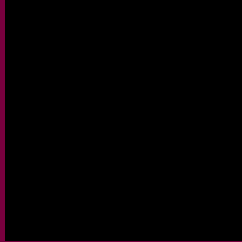
Any Text WCAG AA × Fail

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 20.8348, 37.3494, 0.5230 Background



This preview shows how black text looks on a background with the HunterLab color 20.8348, 37.3494, 0.5230.



This preview shows how white text looks on a background with the HunterLab color 20.8348, 37.3494,

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

20.8348, 37.3494, 0.5230

Protanopia

22.2504, 1.5516, -11.4466

Deuteranopia

22.0606, 1.4695, 3.2160



Tritanopia

21.4872, 28.8083, 11.2069

Trichromacy



Original Color

20.8348, 37.3494, 0.5230

Protanomaly

19.0663, 16.0532, -10.9730

Deuteranomaly

19.5598, 16.8968, -0.1938

Tritanomaly

21.0534, 32.1955, 8.3726

Monochromacy



Original Color

20.8348, 37.3494, 0.5230

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.3419, 14.6435, -1.9518

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8348, 37.3494, 0.5230 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(120, 0, 62)` looks like.

```
.text, #text, p{  
    color:rgb(120, 0, 62)  
}
```

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(120, 0, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 0, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8348, 37.3494, 0.5230 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(120, 0, 62) }
```


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

```
.border{ border-color:rgb(120, 0, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 0, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 0, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 0, 62);  
box-shadow:4px 4px 4px 4px rgb(120, 0, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.8348, 37.3494, 0.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 0, 62) }
```

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

```
.background{ background-color: rgb(120, 0,  
62) }
```

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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