

Converting Colors

HunterLab(20.7721, 37.1732,
1.0164)

Have a look what the booklet for
HunterLab(20.7721, 37.1732,
1.0164) contains.

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Color

**HunterLab(20.8086, 37.2545,
0.8951)**

Conversions

Conversions Part 1

Format	Color
Hex	78003D
RGB	120, 0, 61
RGB Percent	47%, 0%, 24%
CMY	0.5294, 1.0000, 0.7608
CMYK	0.00, 1.00, 0.49, 0.53
HSL	330°, 100%, 24%
HSV	330°, 100%, 47%
XYZ	8.5880, 4.3300, 4.7980
YIQ	42.8340, 51.9390, 44.4110

Conversions

Conversions Part 2

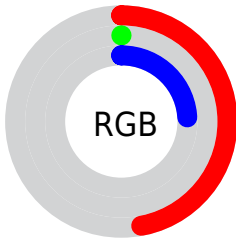
Format	Color
R_{YB}	120, 0, 61
Decimal	7864381
CIE Lab	24.73, 48.79, -0.41
CIE LCh	25, 48.788, 359.518
Yxy	4.3302, 0.4848, 0.2444
Android (android.graphics.Color)	4286054461 (0xFF78003D)
YUV	42.8340, 8.9558, 67.6746
Hunter-Lab	20.8086, 37.2545, 0.8951

Details

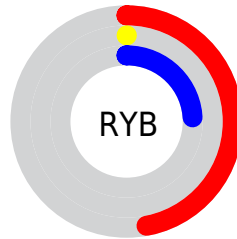
The HunterLab color **20.8086, 37.2545, 0.8951** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **37.0794, -28.7537, 15.7261**, and the grayscale version is **15.4502, -0.8244, 0.8394**.

A 20% lighter version of the original color is **37.8500, 41.2229, 1.8210**, and **10.9785, 19.2292, 3.7743** is the 20% darker color. If you saturate the color by 10%, you get **20.8084, 37.2539, 0.8972**, and if you desaturate by 10%, it is **21.5878, 35.7076, -0.6138**.

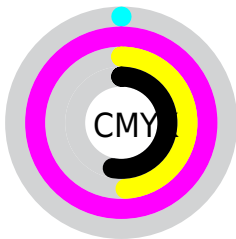
Distribution



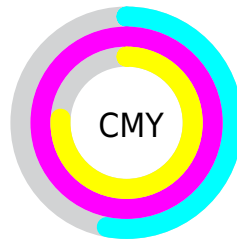
- Red (47%)
- Green (0%)
- Blue (24%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (53%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8086, 37.2545, 0.8951 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 20.8086, 37.2545, 0.8951 by changing the saturation by 10% instead.

■ 20.8086, 37.2545,
0.8951

■ 20.8086, 37.2545,
0.8951

■ 119.6460, 51.0278,
6.0899

■ 13.6380, 35.4040,
0.5361

■ 37.8849, 41.0241,
1.7734

■ 7.2397, 36.7711,
0.1590

■ 47.6167, 42.7735,
2.2804

0.0000, INF, NaN

0.0000, NaN, NaN

■ 58.0632, 44.4097,
2.8279

0.0000, NaN, NaN

■ 69.1785, 45.9340,
3.4131

0.0000, NaN, NaN

■ 80.9245, 47.3516,
4.0336


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.2690, 48.6689,


4.6876


0.0000, NaN, NaN


 106.1842, 49.8923,
5.3735


 20.8086, 37.2545,
0.8951


 20.8086, 37.2545,
0.8951


 20.8084, 37.2539,
0.8972

 21.5878, 35.7076,
-0.6138

 22.6389, 33.4614,
-1.8818

 24.1158, 30.1675,
-2.6585

 25.9952, 26.1074,
-2.9384

 28.2361, 21.5737,
-2.7708

■ 30.7917, 16.8020,
-2.2285

■ 33.6168, 11.9525,
-1.3863

■ 36.6715, 7.1211,
-0.3088

■ 39.9224, 2.3576,
0.9520

Harmonies

Analogous

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



20.8092, 30.8094, -18.6612



20.8086, 37.2545, 0.8951



20.8092, 31.1905, 10.7439

Triad

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



20.8092, 37.2522, 0.8957



20.8092, -13.7170, 14.5286



20.8092, -14.0350, -40.3200

Complementary

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



20.8086, 37.2545, 0.8951



37.0794, -28.7537, 15.7261

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.



20.8092, -21.0282, -17.9205



20.8086, 37.2545, 0.8951



20.8092, -20.8854, 10.9177

Square

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



20.8092, 37.2522, 0.8957



20.8092, -0.8632, 14.5665



20.8092, -23.1208, 1.3669



20.8092, -1.3585, -50.8121

Rectangle

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



20.8086, 37.2545, 0.8951



20.8092, 21.6489, 13.4635



20.8092, -23.1208, 1.3669



20.8092, -16.9784, -33.3943

Sweetspot

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



20.8092, 37.2522, 0.8957



44.2927, 16.3311, -1.9334



15.0201, 34.7460, -60.2780



20.9258, 9.0202, -1.1418



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.



20.8092, 37.2522, 0.8957



27.5473, 49.2282, 1.8893



19.9943, 34.2596, 12.7489



20.1144, 0.9658, 0.5368



21.7275, 38.8870, 1.0316



47.2720, 84.2692, 4.8528

Inverse Universe

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



20.8092, 37.2522, 0.8957



27.5473, 49.2282, 1.8893



38.3940, -20.7600, -3.1730



20.1144, 0.9658, 0.5368



21.7275, 38.8870, 1.0316



47.2720, 84.2692, 4.8528

Previews

White Background



This preview shows how the HunterLab color 20.8086, 37.2545, 0.8951 looks on a white background.

Color Contrast Check

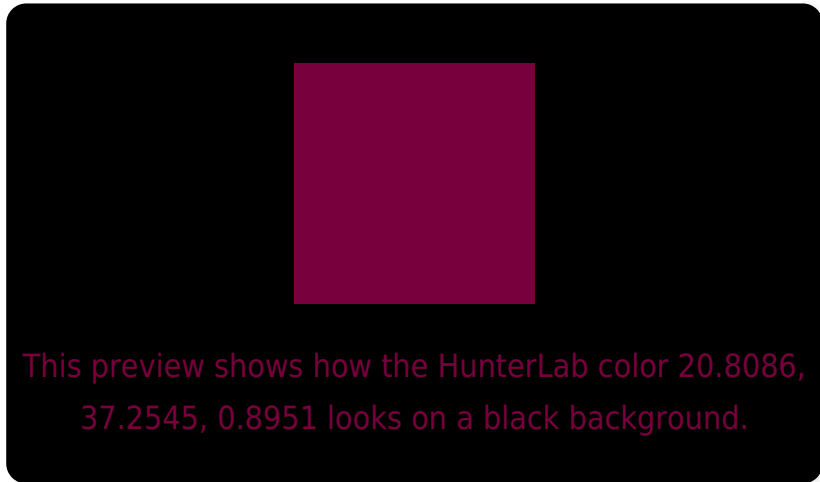
Large Text (above 18pt) WCAG AA ✓ Pass

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

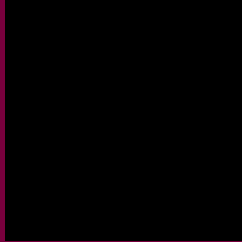
Any Text WCAG AA × Fail

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 20.8086, 37.2545, 0.8951 Background



This preview shows how black text looks on a background with the HunterLab color 20.8086, 37.2545, 0.8951.



This preview shows how white text looks on a background with the HunterLab color 20.8086, 37.2545,

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

20.8086, 37.2545, 0.8951

Protanopia

22.2128, 1.3504, -10.9321

Deuteranopia

22.0382, 1.3494, 3.5379



Tritanopia

21.3794, 29.0683, 11.2862

Trichromacy



Original Color

20.8086, 37.2545, 0.8951

Protanomaly

19.0284, 15.8792, -10.4551

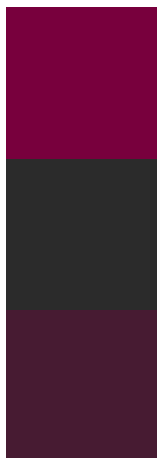
Deuteranomaly

19.5335, 16.7769, 0.1799

Tritanomaly

20.9694, 32.3604, 8.5390

Monochromacy



Original Color

20.8086, 37.2545, 0.8951

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 20.8086, 37.2545, 0.8951 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, 61)` looks like.

```
.text, #text, p{  
    color:rgb(120, 0, 61)  
}
```

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, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 0, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8086, 37.2545, 0.8951 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, 61) }
```


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

```
.border{ border-color:rgb(120, 0, 61) }
```

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, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 0, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 0, 61);  
box-shadow:4px 4px 4px 4px rgb(120, 0, 61)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.8086, 37.2545, 0.8951 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, 61) }
```

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

```
.background{ background-color: rgb(120, 0,  
61) }
```

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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