

Converting Colors

HunterLab(20.6956, 36.8947,
2.1099)

Have a look what the booklet for
HunterLab(20.6956, 36.8947,
2.1099) contains.

HunterLab(20.7330, 36.9792, 1.9756)	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(20.7330, 36.9792,
1.9756)**

Conversions

Conversions Part 1

Format	Color
Hex	78003A
RGB	120, 0, 58
RGB Percent	47%, 0%, 23%
CMY	0.5294, 1.0000, 0.7725
CMYK	0.00, 1.00, 0.52, 0.53
HSL	331°, 100%, 24%
HSV	331°, 100%, 47%
XYZ	8.5095, 4.2986, 4.3842
YIQ	42.4920, 52.9020, 43.4780

Conversions

Conversions Part 2

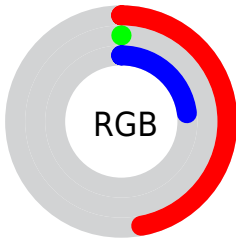
Format	Color
RYB	120, 0, 58
Decimal	7864378
CIELab	24.64, 48.53, 1.51
CIELCh	25, 48.549, 1.784
Yxy	4.2988, 0.4950, 0.2500
Android (android.graphics.Color)	4286054458 (0xFF78003A)
YUV	42.4920, 7.6454, 67.9745
Hunter-Lab	20.7330, 36.9792, 1.9756

Details

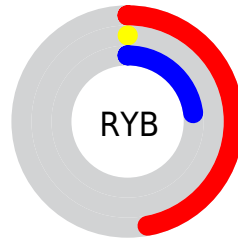
The HunterLab color **20.7330, 36.9792, 1.9756** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **37.1227, -28.4861, 15.0945**, and the grayscale version is **15.3426, -0.8186, 0.8336**.

A 20% lighter version of the original color is **37.7670, 40.8626, 3.0063**, and **10.9213, 19.0188, 4.6091** is the 20% darker color. If you saturate the color by 10%, you get **20.7328, 36.9786, 1.9778**, and if you desaturate by 10%, it is **21.5146, 35.4308, 0.4277**.

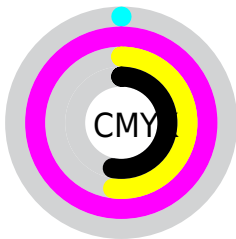
Distribution



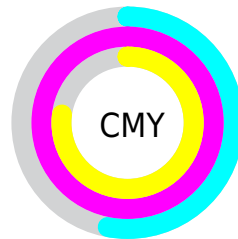
- Red (47%)
- Green (0%)
- Blue (23%)



- Red (47%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7330, 36.9792, 1.9756 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 20.7330, 36.9792, 1.9756 by changing the saturation by 10% instead.

20.7330, 36.9792,
1.9756

20.7330, 36.9792,
1.9756

119.5105, 50.6847,
8.0479

13.5724, 35.1318,
1.4696

37.7925, 40.7364,
3.1000

7.1638, 36.6868,
1.2644

47.5171, 42.4783,
3.7144

0.0000, INF, NaN

57.9568, 44.1066,
4.3617

0.0000, NaN, NaN

69.0657, 45.6229,
5.0406

0.0000, NaN, NaN

80.8056, 47.0325,
5.7497


0.0000, NaN, NaN


93.1443, 48.3417,


0.0000, NaN, NaN


6.4880


0.0000, NaN, NaN


 106.0540, 49.5571,
7.2544


 20.7330, 36.9792,
1.9756


 20.7330, 36.9792,
1.9756


 20.7328, 36.9786,
1.9778

 21.5146, 35.4308,
0.4277

 22.5702, 33.1892,
-0.9077

 24.0537, 29.9075,
-1.7802

 25.9413, 25.8680,
-2.1752

 28.1912, 21.3631,
-2.1335

■ 30.7561, 16.6269,
-1.7217

■ 33.5905, 11.8178,
-1.0103

■ 36.6544, 7.0298,
-0.0616

■ 39.9141, 2.3115,
1.0737

Harmonies

Analogous

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



20.7336, 31.4752, -16.8081



20.7330, 36.9792, 1.9756



20.7336, 30.0753, 11.0862

Triad

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



20.7336, 36.9769, 1.9762



20.7336, -14.3743, 14.2723



20.7336, -13.2039, -41.4089

Complementary

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



20.7330, 36.9792, 1.9756



37.1227, -28.4861, 15.0945

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.



20.7336, -20.5734, -19.5276



20.7330, 36.9792, 1.9756



20.7336, -21.0994, 10.4449

Square

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



20.7336, 36.9769, 1.9762



20.7336, -2.0101, 14.5135



20.7336, -22.9920, 0.2436



20.7336, -0.1890, -50.3934

Rectangle

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



20.7330, 36.9792, 1.9756



20.7336, 20.2681, 13.6476



20.7336, -22.9920, 0.2436



20.7336, -16.2772, -34.7958

Sweetspot

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



20.7336, 36.9769, 1.9762



44.2566, 16.1485, -1.4220



15.4294, 35.2073, -58.1574



20.9062, 8.9222, -0.8641



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.



20.7336, 36.9769, 1.9762



27.4472, 48.8637, 3.3213



20.0917, 33.8490, 12.9719



20.1105, 0.9449, 0.5920



21.6485, 38.5995, 2.1602



47.1008, 83.6449, 7.3085

Inverse Universe

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



20.7336, 36.9769, 1.9762



27.4472, 48.8637, 3.3213



37.8326, -19.6446, -4.8791



20.1105, 0.9449, 0.5920



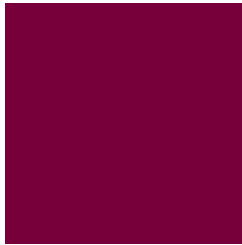
21.6485, 38.5995, 2.1602



47.1008, 83.6449, 7.3085

Previews

White Background



This preview shows how the HunterLab color 20.7330, 36.9792, 1.9756 looks on a white background.

Color Contrast Check

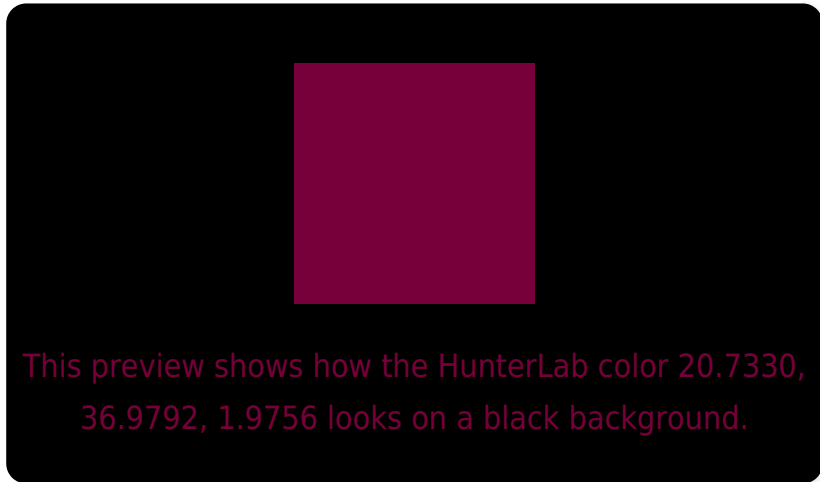
Large Text (above 18pt) WCAG AA ✓ Pass

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

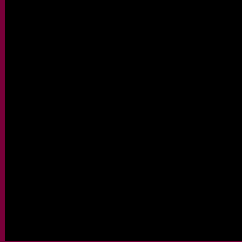
Any Text WCAG AA × Fail

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 20.7330, 36.9792, 1.9756 Background



This preview shows how black text looks on a background with the HunterLab color 20.7330, 36.9792, 1.9756.



This preview shows how white text looks on a background with the HunterLab color 20.7330, 36.9792,

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

20.7330, 36.9792, 1.9756

Protanopia

22.1948, 0.9992, -8.7121

Deuteranopia

22.0601, 1.2938, 4.5635



Tritanopia

21.2749, 29.3220, 11.3638

Trichromacy



Original Color

20.7330, 36.9792, 1.9756

Protanomaly

19.0297, 15.6616, -8.7395

Deuteranomaly

19.4574, 16.4290, 1.2634

Tritanomaly

20.9546, 32.3030, 8.7551

Monochromacy



Original Color

20.7330, 36.9792, 1.9756

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.1636, 14.0900, -1.3432

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7330, 36.9792, 1.9756 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, 58)` looks like.

```
.text, #text, p{  
    color:rgb(120, 0, 58)  
}
```

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, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 0, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7330, 36.9792, 1.9756 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, 58) }
```


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

```
.border{ border-color:rgb(120, 0, 58) }
```

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, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 0, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 0, 58);  
box-shadow:4px 4px 4px 4px rgb(120, 0, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7330, 36.9792, 1.9756 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, 58) }
```

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

```
.background{ background-color: rgb(120, 0,  
58) }
```

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