

Converting Colors

HunterLab(20.3793, 35.6858,
7.0791)

Have a look what the booklet for
HunterLab(20.3793, 35.6858,
7.0791) contains.

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Color

**HunterLab(20.3793, 35.6858,
7.0791)**

Conversions

Conversions Part 1

Format	Color
Hex	780029
RGB	120, 0, 41
RGB Percent	47%, 0%, 16%
CMY	0.5294, 1.0000, 0.8392
CMYK	0.00, 1.00, 0.66, 0.53
HSL	340°, 100%, 24%
HSV	340°, 100%, 47%
XYZ	8.1460, 4.1532, 2.4701
YIQ	40.5540, 58.3590, 38.1910

Conversions

Conversions Part 2

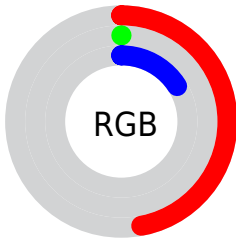
Format	Color
R_{YB}	120, 0, 41
Decimal	7864361
CIE _{Lab}	24.17, 47.29, 12.64
CIE _{LCh}	24, 48.953, 14.969
Yxy	4.1534, 0.5515, 0.2812
Android (android.graphics.Color)	4286054441 (0xFF780029)
YUV	40.5540, 0.2199, 69.6741
Hunter-Lab	20.3793, 35.6858, 7.0791

Details

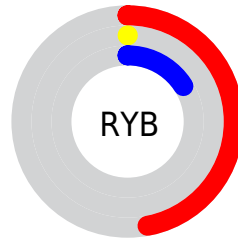
The HunterLab color **20.3793, 35.6858, 7.0791** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **37.4134, -26.6932, 10.8606**, and the grayscale version is **14.7343, -0.7862, 0.8005**.

A 20% lighter version of the original color is **37.3061, 39.6442, 9.6897**, and **10.6010, 18.1546, 6.8501** is the 20% darker color. If you saturate the color by 10%, you get **20.3791, 35.6852, 7.0811**, and if you desaturate by 10%, it is **21.1594, 34.0828, 5.5236**.

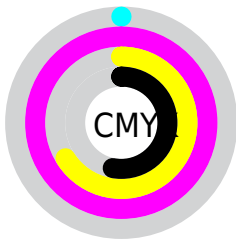
Distribution



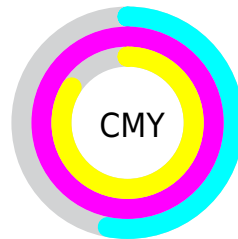
- Red (47%)
- Green (0%)
- Blue (16%)



- Red (47%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3793, 35.6858, 7.0791 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 20.3793, 35.6858, 7.0791 by changing the saturation by 10% instead.

■ 20.3793, 35.6858,
7.0791

■ 20.3793, 35.6858,
7.0791

■ 118.8751, 49.0667,
18.7246

■ 13.2655, 33.8537,
5.6017

■ 37.3601, 39.3832,
9.8212

■ 6.7963, 36.4181,
4.7574

■ 47.0502, 41.0891,
11.1239

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.4578, 42.6798,
12.4042

0.0000, NaN, NaN

■ 68.5366, 44.1577,
13.6721

0.0000, NaN, NaN

■ 80.2480, 45.5287,
14.9339


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.5596, 46.7995,


16.1945


0.0000, NaN, NaN


 105.4434, 47.9768,
17.4572


 20.3793, 35.6858,
7.0791


 20.3793, 35.6858,
7.0791


 20.3791, 35.6852,
7.0811

 21.1594, 34.0828,
5.5236

 22.2267, 31.8245,
3.9965

 23.7356, 28.5711,
2.7462

 25.6588, 24.6124,
1.8354

 27.9513, 20.2396,
1.2712

■ 30.5625, 15.6793,
1.0252

■ 33.4451, 11.0795,
1.0538

■ 36.5578, 6.5243,
1.3112

■ 39.8660, 2.0541,
1.7565

Harmonies

Analogous

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



20.3799, 35.6702, -7.5322



20.3793, 35.6858, 7.0791



20.3799, 24.0850, 12.8260

Triad

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



20.3799, 35.6834, 7.0796



20.3799, -17.9485, 12.8335



20.3799, -8.1496, -48.4073

Complementary

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



20.3793, 35.6858, 7.0791



37.4134, -26.6932, 10.8606

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.



20.3799, -17.9626, -30.0931



20.3793, 35.6858, 7.0791



20.3799, -22.3813, 7.0988

Square

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



20.3799, 35.6834, 7.0796



20.3799, -8.1236, 14.2660



20.3799, -22.3856, -7.4919



20.3799, 7.0529, -48.4292

Rectangle

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



20.3793, 35.6858, 7.0791



20.3799, 12.8624, 14.2660



20.3799, -22.3856, -7.4919



20.3799, -12.0711, -43.8092

Sweetspot

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



20.3799, 35.6834, 7.0796



44.0591, 15.1475, 1.3835



17.2517, 37.4002, -49.7834



20.7994, 8.3872, 0.6531



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.



20.3799, 35.6834, 7.0796



26.9841, 47.1682, 10.0165



21.0381, 30.7395, 13.5007



20.0887, 0.8277, 0.9025



21.2798, 37.2511, 7.4814



46.3198, 80.7829, 18.6227

Inverse Universe

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



20.3799, 35.6834, 7.0796



26.9841, 47.1682, 10.0165



32.9533, -13.5659, -11.9024



20.0887, 0.8277, 0.9025



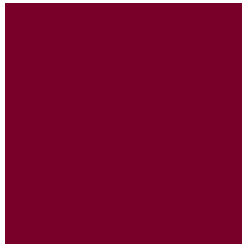
21.2798, 37.2511, 7.4814



46.3198, 80.7829, 18.6227

Previews

White Background



This preview shows how the HunterLab color 20.3793, 35.6858, 7.0791 looks on a white background.

Color Contrast Check

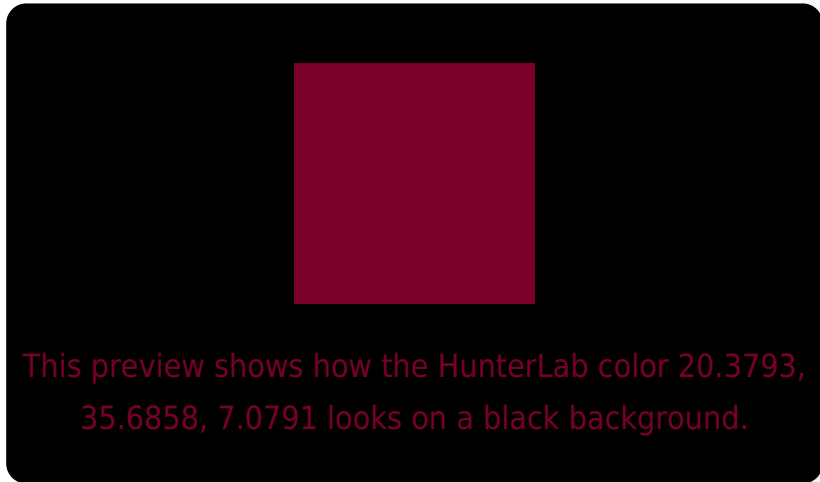
Large Text (above 18pt) WCAG AA ✓ Pass

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

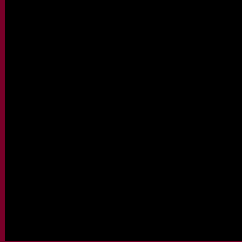
Any Text WCAG AA × Fail

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 20.3793, 35.6858, 7.0791 Background



This preview shows how black text looks on a background with the HunterLab color 20.3793, 35.6858, 7.0791.



This preview shows how white text looks on a background with the HunterLab color 20.3793, 35.6858,

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

20.3793, 35.6858, 7.0791

Protanopia

21.7267, -0.7697, 1.7085

Deuteranopia

21.7972, 1.0323, 8.9094



Tritanopia

20.8742, 30.9771, 12.1212

Trichromacy



Original Color

20.3793, 35.6858, 7.0791

Protanomaly

18.9549, 14.1428, 1.3921

Deuteranomaly

19.3657, 15.4903, 6.5901

Tritanomaly

20.5602, 32.5390, 10.7468

Monochromacy



Original Color

20.3793, 35.6858, 7.0791

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

14.8357, 13.6874, 0.9975

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3793, 35.6858, 7.0791 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, 41)` looks like.

```
.text, #text, p{  
    color:rgb(120, 0, 41)  
}
```

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, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 0, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3793, 35.6858, 7.0791 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, 41) }
```


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

```
.border{ border-color:rgb(120, 0, 41) }
```

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, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 0, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 0, 41);  
box-shadow:4px 4px 4px 4px rgb(120, 0, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3793, 35.6858, 7.0791 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, 41) }
```

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

```
.background{ background-color: rgb(120, 0,  
41) }
```

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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