

Converting Colors

HunterLab(18.1031, 45.2431,
7.5116)

Have a look what the booklet for
HunterLab(18.1031, 45.2431,
7.5116) contains.

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Color

**HunterLab(20.5958, 35.7772,
9.3836)**

Conversions

Conversions Part 1

Format	Color
Hex	7A0020
RGB	122, 0, 32
RGB Percent	48%, 0%, 13%
CMY	0.5216, 0.9999, 0.8745
CMYK	0.00, 1.00, 0.74, 0.52
HSL	344°, 100%, 24%
HSV	344°, 100%, 48%
XYZ	8.2868, 4.2419, 1.7485
YIQ	40.1260, 62.4400, 35.8160

Conversions

Conversions Part 2

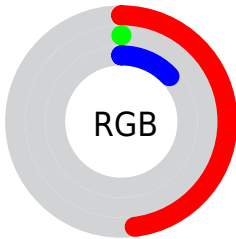
Format	Color
RYB	122, 0, 32
Decimal	7995424
CIELab	24.46, 47.33, 19.29
CIELCh	24, 51.112, 22.178
Yxy	4.2421, 0.5804, 0.2971
Android (android.graphics.Color)	4286185504 (0xFF7A0020)
YUV	40.1260, -4.0061, 71.8035
Hunter-Lab	20.5958, 35.7772, 9.3836

Details

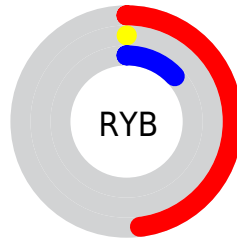
The HunterLab color **20.5958, 35.7772, 9.3836** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **38.2851, -25.9434, 8.1525**, and the grayscale version is **14.6082, -0.7795, 0.7937**.

A 20% lighter version of the original color is **37.7386, 39.4760, 13.2032**, and **10.7622, 18.4306, 6.9543** is the 20% darker color. If you saturate the color by 10%, you get **20.5956, 35.7766, 9.3855**, and if you desaturate by 10%, it is **21.3678, 34.1169, 7.9428**.

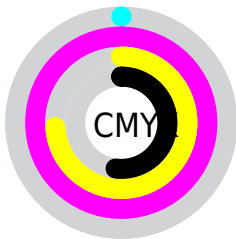
Distribution



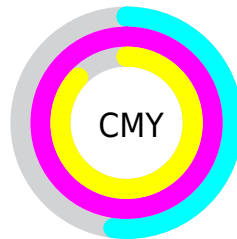
- Red (48%)
- Green (0%)
- Blue (13%)



- Red (48%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (52%)



- Cyan (52%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5958, 35.7772, 9.3836 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 20.5958, 35.7772, 9.3836 by changing the saturation by 10% instead.

■ 20.5958, 35.7772,
9.3836

■ 20.5958, 35.7772,
9.3836

■ 119.2643, 49.1454,
24.6539

■ 13.4533, 33.9394,
7.6823

■ 37.6249, 39.4728,
13.1932

■ 7.0238, 35.7868,
4.9167

■ 47.3361, 41.1768,
14.9470

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.7635, 42.7655,
16.6400

0.0000, NaN, NaN

■ 68.8607, 44.2417,
18.2896

0.0000, NaN, NaN

■ 80.5896, 45.6112,
19.9081


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.9178, 46.8806,


21.5042


0.0000, NaN, NaN


 105.8175, 48.0566,
23.0845


 20.5958, 35.7772,
9.3836


 20.5958, 35.7772,
9.3836


 20.5956, 35.7766,
9.3855

 21.3678, 34.1169,
7.9428

 22.4462, 31.7893,
6.4164

 23.9845, 28.4692,
5.0482

 25.9539, 24.4574,
3.9261

 28.3062, 20.0527,
3.0847

■ 30.9883, 15.4841,
2.5186

■ 33.9503, 10.8982,
2.2008

■ 37.1489, 6.3757,
2.0968

■ 40.5483, 1.9532,
2.1723

Harmonies

Analogous

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



20.5964, 39.0352, -3.2670



20.5958, 35.7772, 9.3836



20.5964, 21.3313, 14.0568

Triad

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



20.5964, 35.7746, 9.3840



20.5964, -20.1856, 12.2392



20.5964, -5.1174, -53.9441

Complementary

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



20.5958, 35.7772, 9.3836



38.2851, -25.9434, 8.1525

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.



20.5964, -16.7583, -37.9100



20.5958, 35.7772, 9.3836



20.5964, -23.5569, 4.7158

Square

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



20.5964, 35.7746, 9.3840



20.5964, -11.4627, 14.4175



20.5964, -22.5293, -13.2455



20.5964, 11.8291, -48.4659

Rectangle

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



20.5958, 35.7772, 9.3836



20.5964, 9.1732, 14.4175



20.5964, -22.5293, -13.2455



20.5964, -9.6860, -50.6308

Sweetspot

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



20.5964, 35.7746, 9.3840



44.7314, 14.9002, 2.9399



18.8484, 39.7291, -45.6083



20.7427, 8.1024, 1.4608



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.



20.5964, 35.7746, 9.3840



27.2810, 47.3181, 12.9884



22.3403, 28.4421, 14.2629



20.0766, 0.7628, 1.0744



21.1298, 36.6989, 9.6738



46.0165, 79.6645, 23.0698

Inverse Universe

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



20.5964, 35.7746, 9.3840



27.2810, 47.3181, 12.9884



30.5424, -9.7653, -17.0933



20.0766, 0.7628, 1.0744



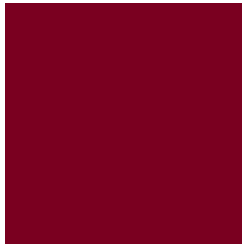
21.1298, 36.6989, 9.6738



46.0165, 79.6645, 23.0698

Previews

White Background



This preview shows how the HunterLab color 20.5958, 35.7772, 9.3836 looks on a white background.

Color Contrast Check

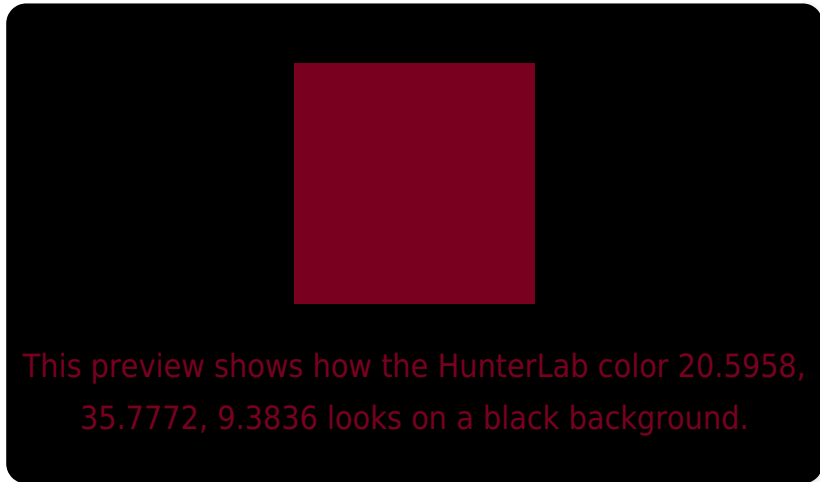
Large Text (above 18pt) WCAG AA ✓ Pass

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

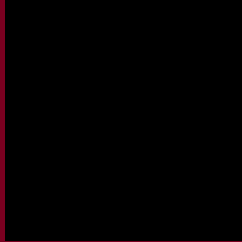
Any Text WCAG AA × Fail

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 20.5958, 35.7772, 9.3836 Background



This preview shows how black text looks on a background with the HunterLab color 20.5958, 35.7772, 9.3836.



This preview shows how white text looks on a background with the HunterLab color 20.5958, 35.7772,

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

20.5958, 35.7772, 9.3836

Protanopia

21.9474, -1.7857, 5.9386

Deuteranopia

21.8538, 0.9618, 10.9879



Tritanopia

21.0835, 32.6909, 12.8371

Trichromacy



Original Color

20.5958, 35.7772, 9.3836

Protanomaly

18.9648, 13.6954, 5.0776

Deuteranomaly

19.4865, 15.5187, 8.9365

Tritanomaly

20.8608, 33.7791, 11.9384

Monochromacy



Original Color

20.5958, 35.7772, 9.3836

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.5977, 13.6734, 2.1255

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5958, 35.7772, 9.3836 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(122, 0, 32)` looks like.

```
.text, #text, p{  
    color:rgb(122, 0, 32)  
}
```

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(122, 0, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 0, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5958, 35.7772, 9.3836 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(122, 0, 32) }
```


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

```
.border{ border-color:rgb(122, 0, 32) }
```

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

Here you see how a box with a 4 pixel rgb(122, 0, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 0, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 0, 32);  
box-shadow:4px 4px 4px 4px rgb(122, 0, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5958, 35.7772, 9.3836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 0, 32) }
```

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

```
.background{ background-color: rgb(122, 0,  
32) }
```

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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