

Converting Colors

HunterLab(19.8577, 35.1666,
3.8421)

Have a look what the booklet for
HunterLab(19.8577, 35.1666,
3.8421) contains.

HunterLab(19.8577, 35.1666, 3.8421)	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(19.8577, 35.1666,
3.8421)**

Conversions

Conversions Part 1

Format	Color
Hex	740032
RGB	116, 0, 50
RGB Percent	45%, 0%, 20%
CMY	0.5451, 1.0000, 0.8039
CMYK	0.00, 1.00, 0.57, 0.55
HSL	334°, 100%, 23%
HSV	334°, 100%, 45%
XYZ	7.7782, 3.9433, 3.3688
YIQ	40.3840, 53.0860, 40.1420

Conversions

Conversions Part 2

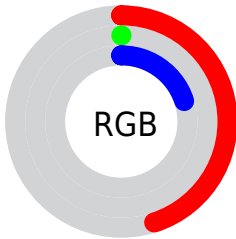
Format	Color
R_{YB}	116, 0, 50
Decimal	7602226
CIE _{Lab}	23.48, 46.89, 5.29
CIE _{LCh}	23, 47.187, 6.435
Yxy	3.9435, 0.5154, 0.2613
Android (android.graphics.Color)	4285792306 (0xFF740032)
YUV	40.3840, 4.7407, 66.3152
Hunter-Lab	19.8577, 35.1666, 3.8421

Details

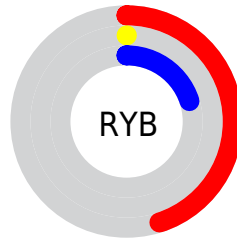
The HunterLab color **19.8577, 35.1666, 3.8421** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **35.8947, -26.8657, 13.1312**, and the grayscale version is **14.6660, -0.7825, 0.7968**.

A 20% lighter version of the original color is **36.7551, 38.8067, 5.4765**, and **10.3012, 17.6836, 6.3266** is the 20% darker color. If you saturate the color by 10%, you get **19.8575, 35.1660, 3.8441**, and if you desaturate by 10%, it is **20.6350, 33.5916, 2.3306**.

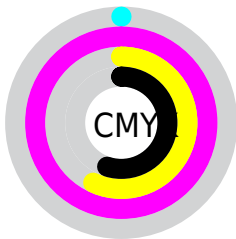
Distribution



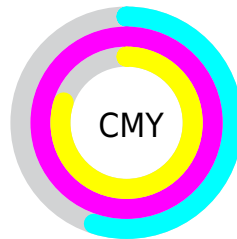
- Red (45%)
- Green (0%)
- Blue (20%)



- Red (45%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8577, 35.1666, 3.8421 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 19.8577, 35.1666, 3.8421 by changing the saturation by 10% instead.

19.8577, 35.1666,
3.8421

19.8577, 35.1666,
3.8421

117.9333, 48.4865,
11.7029

12.8141, 33.3507,
3.0201

36.7207, 38.8514,
5.4802

6.2103, 38.1204,
3.8680

46.3595, 40.5517,
6.3146

0.0000, INF, NaN

0.0000, NaN, NaN

56.7194, 42.1361,
7.1651

0.0000, NaN, NaN

67.7532, 43.6074,
8.0335

0.0000, NaN, NaN

79.4222, 44.9713,
8.9211

0.0000, NaN, NaN


0.0000, NaN, NaN


91.6934, 46.2348,


9.8283


0.0000, NaN, NaN


 104.5386, 47.4044,
10.7556


 19.8577, 35.1666,
3.8421


 19.8577, 35.1666,
3.8421


 19.8575, 35.1660,
3.8441

 20.6350, 33.5916,
2.3306

 21.6687, 31.4069,
0.9538

 23.1164, 28.2483,
-0.0389

 24.9533, 24.3894,
-0.6179

 27.1382, 20.1078,
-0.8060

■ 29.6248, 15.6224,
-0.6542

■ 32.3691, 11.0796,
-0.2208

■ 35.3326, 6.5648,
0.4400

■ 38.4831, 2.1213,
1.2830

Harmonies

Analogous

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



19.8583, 31.7079, -12.8033



19.8577, 35.1666, 3.8421



19.8583, 26.8892, 11.2991

Triad

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



19.8583, 35.1643, 3.8427



19.8583, -15.1143, 13.3736



19.8583, -11.0684, -42.1681

Complementary

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



19.8577, 35.1666, 3.8421



35.8947, -26.8657, 13.1312

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.



19.8583, -18.9517, -22.1645



19.8577, 35.1666, 3.8421



19.8583, -20.7727, 9.0581

Square

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



19.8583, 35.1643, 3.8427



19.8583, -4.1049, 13.9008



19.8583, -21.9405, -2.1450



19.8583, 2.1788, -47.8461

Rectangle

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



19.8577, 35.1666, 3.8421



19.8583, 16.9301, 13.6566



19.8583, -21.9405, -2.1450



19.8583, -14.3010, -36.4332

Sweetspot

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



19.8583, 35.1643, 3.8427



42.6251, 15.1530, -0.3486



15.5254, 34.7051, -52.9252



20.2124, 8.3844, -0.2781



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.8583, 35.1643, 3.8427



26.2804, 46.4512, 5.7790



19.7006, 31.5448, 12.6906



19.2993, 0.8489, 0.6819



21.0276, 37.2219, 4.1959



46.2406, 81.5161, 11.8357

Inverse Universe

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



19.8583, 35.1643, 3.8427



26.2804, 46.4512, 5.7790



34.7024, -16.7848, -7.1402



19.2993, 0.8489, 0.6819



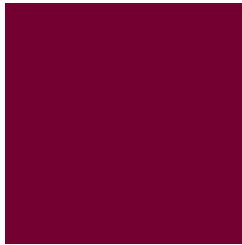
21.0276, 37.2219, 4.1959



46.2406, 81.5161, 11.8357

Previews

White Background



This preview shows how the HunterLab color 19.8577, 35.1666, 3.8421 looks on a white background.

Color Contrast Check

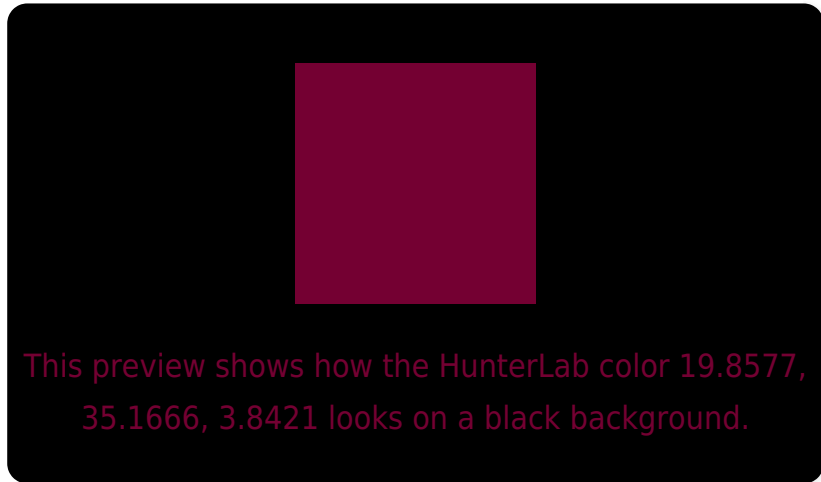
Large Text (above 18pt) WCAG AA ✓ Pass

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

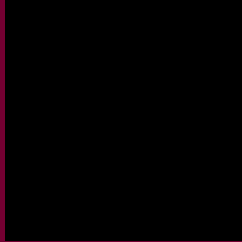
Any Text WCAG AA × Fail

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 19.8577, 35.1666, 3.8421 Background



This preview shows how black text looks on a background with the HunterLab color 19.8577, 35.1666, 3.8421.



This preview shows how white text looks on a background with the HunterLab color 19.8577, 35.1666,

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

19.8577, 35.1666, 3.8421

Protanopia

21.1632, 0.5305, -4.6092

Deuteranopia

21.0186, 1.1158, 5.9680



Tritanopia

20.4748, 29.0133, 11.3403

Trichromacy



Original Color

19.8577, 35.1666, 3.8421

Protanomaly

18.4054, 14.2368, -4.5195

Deuteranomaly

18.6902, 15.7556, 3.2614

Tritanomaly

20.0659, 31.1440, 9.2805

Monochromacy



Original Color

19.8577, 35.1666, 3.8421

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.5123, 13.7931, -0.5514

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8577, 35.1666, 3.8421 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(116, 0, 50)` looks like.

```
.text, #text, p{  
    color:rgb(116, 0, 50)  
}
```

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(116, 0, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 0, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8577, 35.1666, 3.8421 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(116, 0, 50) }
```


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

```
.border{ border-color:rgb(116, 0, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 0, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 0, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 0, 50);  
box-shadow:4px 4px 4px 4px rgb(116, 0, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.8577, 35.1666, 3.8421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 0, 50) }
```

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

```
.background{ background-color: rgb(116, 0,  
50) }
```

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