

Converting Colors

HunterLab(19.5424, 34.7033,
3.0438)

Have a look what the booklet for
HunterLab(19.5424, 34.7033,
3.0438) contains.

HunterLab(19.5357, 34.6789, 3.1395)	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(19.5357, 34.6789,
3.1395)**

Conversions

Conversions Part 1

Format	Color
Hex	720033
RGB	114, 0, 51
RGB Percent	45%, 0%, 20%
CMY	0.5529, 1.0000, 0.8000
CMYK	0.00, 1.00, 0.55, 0.55
HSL	333°, 100%, 22%
HSV	333°, 100%, 45%
XYZ	7.5370, 3.8164, 3.4714
YIQ	39.9000, 51.5730, 40.0290

Conversions

Conversions Part 2

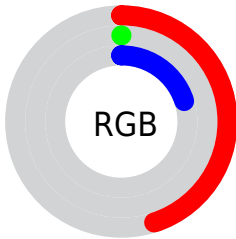
Format	Color
RYB	114, 0, 51
Decimal	7471155
CIELab	23.06, 46.47, 3.92
CIElCh	23, 46.633, 4.822
Yxy	3.8167, 0.5084, 0.2574
Android (android.graphics.Color)	4285661235 (0xFF720033)
YUV	39.9000, 5.4723, 64.9857
Hunter-Lab	19.5357, 34.6789, 3.1395

Details

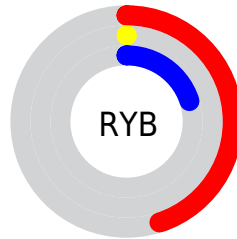
The HunterLab color **19.5357, 34.6789, 3.1395** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **35.2047, -26.5469, 13.3056**, and the grayscale version is **14.5074, -0.7741, 0.7882**.

A 20% lighter version of the original color is **36.3150, 38.6170, 4.5890**, and **10.0043, 17.2203, 5.7854** is the 20% darker color. If you saturate the color by 10%, you get **19.5355, 34.6784, 3.1414**, and if you desaturate by 10%, it is **20.3094, 33.1002, 1.6784**.

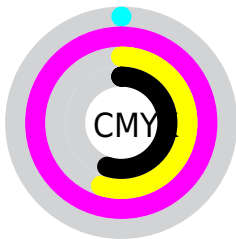
Distribution



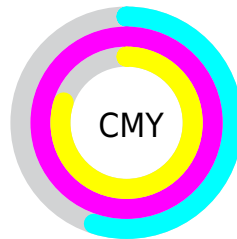
- Red (45%)
- Green (0%)
- Blue (20%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.5357, 34.6789, 3.1395 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 19.5357, 34.6789, 3.1395 by changing the saturation by 10% instead.

■ 19.5357, 34.6789,
3.1395

■ 19.5357, 34.6789,
3.1395

■ 117.3490, 47.9091,
10.3210

■ 12.5361, 32.8742,
2.4372

■ 36.3251, 38.3465,
4.5825

■ 5.8164, 39.4565,
3.1100

■ 45.9318, 40.0373,
5.3333

0.0000, INF, NaN

0.0000, NaN, NaN

■ 56.2618, 41.6118,
6.1066

0.0000, NaN, NaN

■ 67.2677, 43.0727,
6.9030

0.0000, NaN, NaN

■ 78.9102, 44.4261,
7.7228

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.1562, 45.6788,


8.5659


0.0000, NaN, NaN


 103.9774, 46.8377,
9.4320


 19.5357, 34.6789,
3.1395


 19.5357, 34.6789,
3.1395


 19.5355, 34.6784,
3.1414

 20.3094, 33.1002,
1.6784

 21.3269, 30.9429,
0.3633

 22.7476, 27.8319,
-0.5561

 24.5475, 24.0344,
-1.0572

 26.6864, 19.8209,
-1.1681

■ 29.1197, 15.4054,
-0.9425

■ 31.8045, 10.9312,
-0.4400

■ 34.7034, 6.4825,
0.2848

■ 37.7852, 2.1021,
1.1867

Harmonies

Analogous

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



19.5363, 30.6551, -13.6909



19.5357, 34.6789, 3.1395



19.5363, 27.1006, 10.8910

Triad

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



19.5363, 34.6767, 3.1401



19.5363, -14.4152, 13.3637



19.5363, -11.4352, -40.6152

Complementary

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



19.5357, 34.6789, 3.1395



35.2047, -26.5469, 13.3056

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.



19.5363, -18.9033, -20.5952



19.5357, 34.6789, 3.1395



19.5363, -20.2440, 9.2491

Square

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



19.5363, 34.6767, 3.1401



19.5363, -3.3051, 13.6754



19.5363, -21.6113, -1.2696



19.5363, 1.3260, -47.2080

Rectangle

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



19.5357, 34.6789, 3.1395



19.5363, 17.4929, 13.3284



19.5363, -21.6113, -1.2696



19.5363, -14.5146, -34.7633

Sweetspot

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



19.5363, 34.6767, 3.1401



41.8717, 14.9548, -0.6469



15.0407, 33.8307, -52.8942



19.5741, 8.1081, -0.4273



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



19.5363, 34.6767, 3.1401



25.8492, 45.7964, 4.8515



19.2390, 31.2915, 12.4018



18.5041, 0.8091, 0.6244



20.6035, 36.5591, 3.4300



45.8014, 80.9250, 10.3044

Inverse Universe

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



19.5363, 34.6767, 3.1401



25.8492, 45.7964, 4.8515



34.6462, -17.1900, -6.1952



18.5041, 0.8091, 0.6244



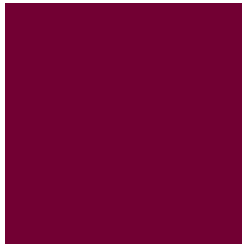
20.6035, 36.5591, 3.4300



45.8014, 80.9250, 10.3044

Previews

White Background



This preview shows how the HunterLab color 19.5357, 34.6789, 3.1395 looks on a white background.

Color Contrast Check

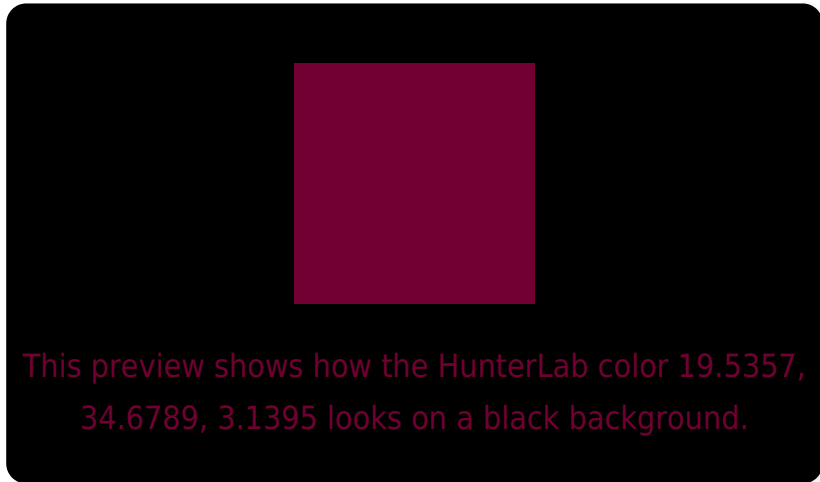
Large Text (above 18pt) WCAG AA ✓ Pass

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

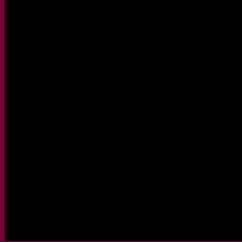
Any Text WCAG AA × Fail

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 19.5357, 34.6789, 3.1395 Background



This preview shows how black text looks on a background with the HunterLab color 19.5357, 34.6789, 3.1395.



This preview shows how white text looks on a background with the HunterLab color 19.5357, 34.6789,

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

19.5357, 34.6789, 3.1395

Protanopia

20.8153, 0.6590, -5.6157

Deuteranopia

20.9493, 0.9189, 5.6096



Tritanopia

20.1532, 28.3834, 10.9682

Trichromacy



Original Color

19.5357, 34.6789, 3.1395

Protanomaly

18.0360, 14.2142, -5.5811

Deuteranomaly

18.4566, 15.1940, 2.6560

Tritanomaly

19.7421, 30.5627, 8.8069

Monochromacy



Original Color

19.5357, 34.6789, 3.1395

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.3889, 13.4870, -0.7162

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.5357, 34.6789, 3.1395 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(114, 0, 51)` looks like.

```
.text, #text, p{  
    color:rgb(114, 0, 51)  
}
```

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(114, 0, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 0, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 19.5357, 34.6789, 3.1395 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(114, 0, 51) }
```


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

```
.border{ border-color:rgb(114, 0, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 0, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 0, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 0, 51);  
box-shadow:4px 4px 4px 4px rgb(114, 0, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.5357, 34.6789, 3.1395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 0, 51) }
```

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

```
.background{ background-color: rgb(114, 0,  
51) }
```

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