

Converting Colors

HunterLab(34.9489, 60.0967,
20.6795)

Have a look what the booklet for
HunterLab(34.9489, 60.0967,
20.6795) contains.

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Color

**HunterLab(34.9656, 60.1195,
20.7353)**

Conversions

Conversions Part 1

Format	Color
Hex	C7001C
RGB	199, 0, 28
RGB Percent	78%, 0%, 11%
CMY	0.2196, 0.9998, 0.8902
CMYK	0.00, 1.00, 0.86, 0.22
HSL	352°, 100%, 39%
HSV	352°, 100%, 78%
XYZ	23.7628, 12.2259, 2.2060
YIQ	62.6930, 109.6160, 50.8960

Conversions

Conversions Part 2

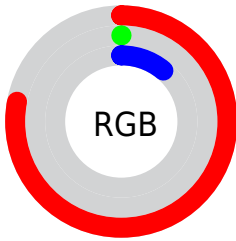
Format	Color
RYB	199, 0, 28
Decimal	13041692
CIELab	41.57, 66.82, 44.74
CIElCh	42, 80.417, 33.805
Yxy	12.2267, 0.6221, 0.3201
Android (android.graphics.Color)	4291231772 (0xFFC7001C)
YUV	62.6930, -17.1036, 119.5412
Hunter-Lab	34.9656, 60.1195, 20.7353

Details

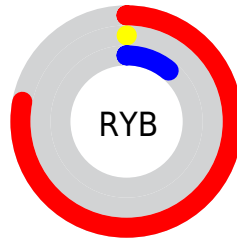
The HunterLab color **34.9656, 60.1195, 20.7353** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **66.1729, -40.8715, 5.5217**, and the grayscale version is **22.2267, -1.1860, 1.2076**.

A 20% lighter version of the original color is **53.0048, 60.9613, 26.4817**, and **22.6956, 38.8669, 14.6653** is the 20% darker color. If you saturate the color by 10%, you get **34.9652, 60.1184, 20.7387**, and if you desaturate by 10%, it is **35.8196, 58.2989, 18.9659**.

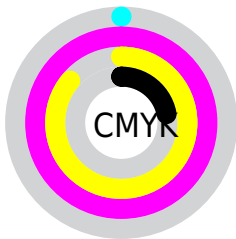
Distribution



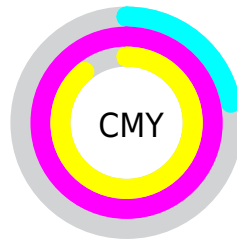
- Red (78%)
- Green (0%)
- Blue (11%)



- Red (78%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (86%)
- Black (22%)



- Cyan (22%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.9656, 60.1195, 20.7353 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 34.9656, 60.1195, 20.7353 by changing the saturation by 10% instead.

■ 34.9656, 60.1195,
20.7353

■ 34.9656, 60.1195,
20.7353

143.4923, 77.3994,
48.5890

■ 26.2646, 57.8949,
16.8549

■ 54.6876, 64.5610,
27.8766

■ 18.4352, 55.8975,
12.9046

■ 65.5960, 66.6780,
31.1622

■ 11.5896, 54.6840,
8.1127

■ 77.1464, 68.7012,
34.3042

■ 4.1746, 86.9167,
2.9222

■ 89.3049, 70.6273,
37.3282

0.0000, INF, NaN

0.0000, NaN, NaN

■ 102.0425, 72.4569,
40.2542

0.0000, NaN, NaN


■ 115.3340, 74.1930,


0.0000, NaN, NaN


43.0982


0.0000, NaN, NaN


 129.1572, 75.8391,
45.8730


 34.9656, 60.1195,
20.7353


 34.9656, 60.1195,
20.7353


 34.9652, 60.1184,
20.7387

 35.8196, 58.2989,
18.9659

 37.4151, 54.6599,
16.7428

 39.8943, 49.1027,
14.3607

 43.2191, 42.1815,
12.0512

 47.2993, 34.5020,
9.9746

■ 52.0278, 26.5380,
8.2075

■ 57.3019, 18.5877,
6.7641

■ 63.0325, 10.8068,
5.6235

■ 69.1467, 3.2584,
4.7499

Harmonies

Analogous

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



34.9667, 76.2880, 5.3520



34.9656, 60.1195, 20.7353



34.9667, 27.4050, 24.4767

Triad

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



34.9667, 60.1150, 20.7359



34.9667, -40.0277, 18.4925



34.9667, 2.0427, -109.0078

Complementary

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



34.9656, 60.1195, 20.7353



66.1729, -40.8715, 5.5217

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.



34.9667, -23.8573, -91.7782



34.9656, 60.1195, 20.7353



34.9667, -42.8113, -1.9368

Square

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



34.9667, 60.1150, 20.7359



34.9667, -28.5171, 23.9008



34.9667, -38.0435, -44.4446



34.9667, 36.3518, -81.2547

Rectangle

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



34.9656, 60.1195, 20.7353



34.9667, 4.5757, 24.4767



34.9667, -38.0435, -44.4446



34.9667, -7.8757, -108.3568

Sweetspot

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



34.9667, 60.1150, 20.7359



75.4885, 25.0761, 9.0293



35.4635, 72.3530, -67.2156



33.5117, 13.6766, 4.5354

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



34.9667, 60.1150, 20.7359



46.2454, 79.4699, 27.7644



40.5980, 42.0523, 25.7508



32.6509, 1.3219, 2.2098



28.0522, 48.2598, 16.4245



6.1700, 10.7445, 2.6056

Inverse Universe

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



34.9667, 60.1150, 20.7359



46.2454, 79.4699, 27.7644



44.6320, -5.2878, -44.3681



32.6509, 1.3219, 2.2098



28.0522, 48.2598, 16.4245



6.1700, 10.7445, 2.6056

Previews

White Background



This preview shows how the HunterLab color 34.9656, 60.1195, 20.7353 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 × Fail

Black Background



This preview shows how the HunterLab color 34.9656, 60.1195, 20.7353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9656, 60.1195, 20.7353 Background



This preview shows how black text looks on a background with the HunterLab color 34.9656, 60.1195, 20.7353.



This preview shows how white text looks on a background with the HunterLab color 34.9656, 60.1195,

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

34.9656, 60.1195, 20.7353

Protanopia

35.9963, -4.2369, 17.6770

Deuteranopia

35.6321, 1.9893, 21.9911



Tritanopia

35.2681, 57.2452, 22.7342

Trichromacy



Original Color

34.9656, 60.1195, 20.7353

Protanomaly

31.2238, 23.7811, 15.8444

Deuteranomaly

31.6638, 28.0637, 19.4647

Tritanomaly

35.0243, 58.2865, 22.1161

Monochromacy



Original Color

34.9656, 60.1195, 20.7353

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.7873, 22.9187, 6.5912

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.9656, 60.1195, 20.7353 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(199, 0, 28)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 28)  
}
```

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(199, 0, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 34.9656, 60.1195, 20.7353 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(199, 0, 28) }
```


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

```
.border{ border-color:rgb(199, 0, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 0, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 28);  
box-shadow:4px 4px 4px 4px rgb(199, 0, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 34.9656, 60.1195, 20.7353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 28) }
```

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

```
.background{ background-color: rgb(199, 0,  
28) }
```

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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