

Converting Colors

HunterLab(39.2224, 51.4846,
20.0877)

Have a look what the booklet for
HunterLab(39.2224, 51.4846,
20.0877) contains.

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Color

**HunterLab(39.2434, 51.7531,
20.1792)**

Conversions

Conversions Part 1

Format	Color
Hex	CB3434
RGB	203, 52, 52
RGB Percent	80%, 20%, 20%
CMY	0.2039, 0.7960, 0.7961
CMYK	0.00, 0.74, 0.74, 0.20
HSL	0°, 59%, 50%
HSV	0°, 74%, 80%
XYZ	26.4764, 15.4004, 4.8260
YIQ	97.1490, 89.9960, 32.0120

Conversions

Conversions Part 2

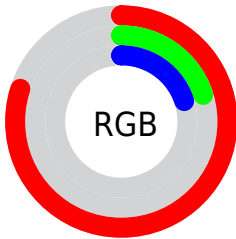
Format	Color
R_{YB}	203, 52, 52
Decimal	13317172
CIE Lab	46.18, 58.53, 36.43
CIE LCh	46, 68.942, 31.894
Yxy	15.4014, 0.5669, 0.3298
Android (android.graphics.Color)	4291507252 (0xFFCB3434)
YUV	97.1490, -22.2585, 92.8313
Hunter-Lab	39.2434, 51.7531, 20.1792

Details

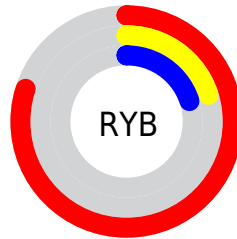
The HunterLab color **39.2434, 51.7531, 20.1792** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **69.1002, -34.2617, -6.4988**, and the grayscale version is **34.6889, -1.8509, 1.8847**.

A 20% lighter version of the original color is **57.7172, 50.7462, 24.3274**, and **23.8333, 40.8888, 14.8303** is the 20% darker color. If you saturate the color by 10%, you get **37.1708, 56.8964, 21.7548**, and if you desaturate by 10%, it is **42.2411, 45.0132, 18.1391**.

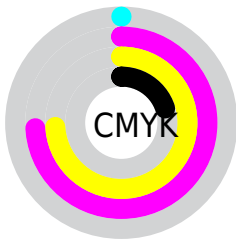
Distribution



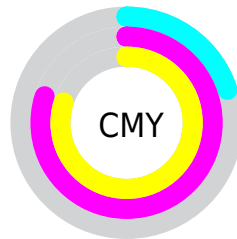
- Red (80%)
- Green (20%)
- Blue (20%)



- Red (80%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (74%)
- Yellow (74%)
- Black (20%)





- Cyan (20%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.2434, 51.7531, 20.1792 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 39.2434, 51.7531, 20.1792 by changing the saturation by 10% instead.


 39.2434, 51.7531,
20.1792


 39.2434, 51.7531,
20.1792


150.2607, 66.4923,
43.2302


 30.1688, 49.6538,
17.0133


 59.6287, 55.7106,
25.9559


 21.9260, 47.5677,
13.7013

 70.8372, 57.5411,
28.6429

 14.6108, 45.7091,
10.2276


 82.6716, 59.2682,
31.2316

 8.2708, 45.6167,
5.7896

 95.1001, 60.8950,
33.7408

0.0000, INF, NaN

0.0000, NaN, NaN

 108.0957, 62.4259,
36.1849

0.0000, NaN, NaN

 121.6346, 63.8659,

0.0000, NaN, NaN

38.5754

0.0000, NaN, NaN

135.6959, 65.2198,
40.9214

■ 39.2434, 51.7531,
20.1792

■ 39.2434, 51.7531,
20.1792

■ 37.1708, 56.8964,
21.7548

■ 42.2411, 45.0132,
18.1391

■ 36.0146, 59.9691,
22.7004

■ 46.0867, 37.3498,
15.8485

■ 35.6325, 61.0195,
23.0248

■ 50.6714, 29.3290,
13.4912

■ 55.8809, 21.3287,
11.1858

■ 61.6123, 13.5505,
8.9923

■ 67.7794, 6.0761,
6.9321

■ 74.3132, -1.0811,
5.0045

■ 81.1588, -7.9420,
3.1987

■ 88.2730, -14.5408,
1.5000

Harmonies

Analogous

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



39.2446, 63.5909, 3.7174



39.2434, 51.7531, 20.1792



39.2446, 25.1618, 25.4180

Triad

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



39.2446, 51.7490, 20.1799



39.2446, -37.9124, 18.8911



39.2446, -0.3836, -84.8394

Complementary

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



39.2434, 51.7531, 20.1792



69.1002, -34.2617, -6.4988

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.



39.2446, -23.4872, -70.0579



39.2434, 51.7531, 20.1792



39.2446, -41.3781, 0.4863

Square

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



39.2446, 51.7490, 20.1799



39.2446, -25.7208, 25.1004



39.2446, -36.8864, -33.4562



39.2446, 28.9077, -66.1438

Rectangle

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



39.2434, 51.7531, 20.1792



39.2446, 5.4150, 26.2707



39.2446, -36.8864, -33.4562



39.2446, -9.0816, -83.5981

Sweetspot

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



39.2446, 51.7490, 20.1799



81.3520, 15.4791, 11.0645



44.1183, 71.0196, -47.5002



36.6513, 8.4133, 5.4675

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



39.2446, 51.7490, 20.1799



47.0932, 76.2777, 28.9669



53.1532, 17.4754, 29.4347



33.4870, 1.1647, 2.8089



28.4258, 48.6777, 18.3680



6.4567, 11.0551, 4.1722

Inverse Universe

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



69.1002, -34.2617, -6.4988



88.8692, -46.4856, -9.1715



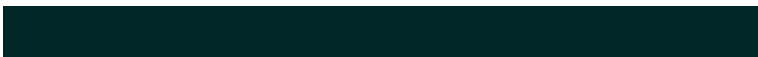
45.1111, -0.4009, -46.4678



35.6748, -4.6740, 1.0094



54.7005, -28.9970, -5.7746



12.4244, -6.5864, -1.3114

Previews

White Background



This preview shows how the HunterLab color 39.2434, 51.7531, 20.1792 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 39.2434, 51.7531, 20.1792 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 39.2434, 51.7531, 20.1792 Background



This preview shows how black text looks on a background with the HunterLab color 39.2434, 51.7531, 20.1792.



This preview shows how white text looks on a background with the HunterLab color 39.2434, 51.7531, 20.1792.

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

39.2434, 51.7531, 20.1792

Protanopia

39.4967, -3.7736, 15.3229

Deuteranopia

39.4825, 2.2741, 21.0793



Tritanopia

39.2668, 51.8494, 19.8341

Trichromacy



Original Color

39.2434, 51.7531, 20.1792

Protanomaly

37.4152, 15.9869, 15.6486

Deuteranomaly

37.9867, 20.5437, 19.7326

Tritanomaly

39.2550, 51.8008, 20.0084

Monochromacy



Original Color

39.2434, 51.7531, 20.1792

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.2245, 16.1550, 7.8859

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.2434, 51.7531, 20.1792 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(203, 52, 52)` looks like.

```
.text, #text, p{  
  color:rgb(203, 52, 52)  
}
```

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(203, 52, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 52, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 39.2434, 51.7531, 20.1792 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(203, 52, 52) }
```


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

```
.border{ border-color:rgb(203, 52, 52) }
```

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

Here you see how a box with a 4 pixel rgb(203, 52, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 52, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 52, 52);  
box-shadow:4px 4px 4px 4px rgb(203, 52,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.2434, 51.7531, 20.1792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 52, 52) }
```

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

```
.background{ background-color: rgb(203, 52,  
52) }
```

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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