

# Converting Colors

HunterLab(35.2050, 53.1783,  
19.2409)

Have a look what the booklet for  
HunterLab(35.2050, 53.1783,  
19.2409) contains.

<b>HunterLab(35.2033, 53.1802, 19.2420)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(35.2033, 53.1802,  
19.2420)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C02028
RGB	192, 32, 40
RGB Percent	75%, 13%, 16%
CMY	0.2471, 0.8744, 0.8431
CMYK	0.00, 0.83, 0.79, 0.25
HSL	357°, 71%, 44%
HSV	357°, 83%, 75%
XYZ	22.6378, 12.3927, 3.2064
YIQ	80.7520, 92.7920, 36.4080

# Conversions

## Conversions Part 2

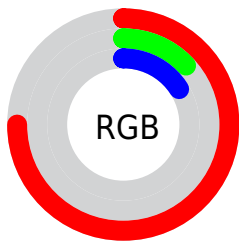
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 32, 40
Decimal	12591144
CIE <sub>Lab</sub>	41.83, 60.65, 37.95
CIE <sub>LCh</sub>	42, 71.543, 32.038
Yxy	12.3935, 0.5920, 0.3241
Android (android.graphics.Color)	4290781224 (0xFFC02028)
YUV	80.7520, -20.0907, 97.5645
Hunter-Lab	35.2033, 53.1802, 19.2420

# Details

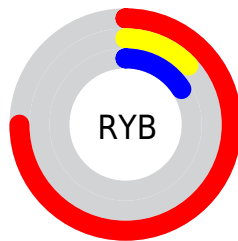
The HunterLab color **35.2033, 53.1802, 19.2420** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **64.3954, -34.8035, -2.6886**, and the grayscale version is **28.6449, -1.5284, 1.5563**.

A 20% lighter version of the original color is **54.8783, 56.8763, 25.2996**, and **21.7849, 37.3073, 14.0769** is the 20% darker color. If you saturate the color by 10%, you get **33.9802, 56.2183, 20.6194**, and if you desaturate by 10%, it is **37.2839, 48.2250, 17.4012**.

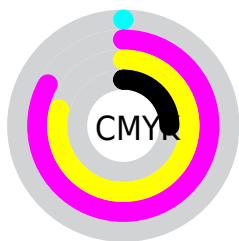
# Distribution



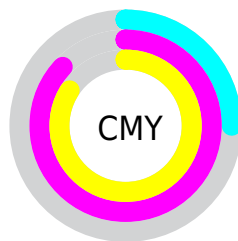
- Red (75%)
- Green (13%)
- Blue (16%)



- Red (75%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (83%)
- Yellow (79%)
- Black (25%)



- Cyan (25%)
- Magenta (87%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.2033, 53.1802, 19.2420 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 35.2033, 53.1802, 19.2420 by changing the saturation by 10% instead.



35.2033, 53.1802,  
19.2420

35.2033, 53.1802,  
19.2420

143.8726, 68.8531,  
43.4494

26.4807, 51.0340,  
15.8473

54.9634, 57.3268,  
25.3851

18.6273, 48.9997,  
13.0391

65.8890, 59.2662,  
28.2215

11.7543, 47.4758,  
8.2280

77.4556, 61.1038,  
30.9432

4.5069, 70.4366,  
3.1548

89.6296, 62.8403,  
33.5721

0.0000, INF, NaN

0.0000, NaN, NaN

102.3819, 64.4790,  
36.1252

0.0000, NaN, NaN

115.6876, 66.0242,

0.0000, NaN, NaN

38.6158

0.0000, NaN, NaN

129.5243, 67.4808,  
41.0544

35.2033, 53.1802,  
19.2420

35.2033, 53.1802,  
19.2420

33.9802, 56.2183,  
20.6194

37.2839, 48.2250,  
17.4012

33.5073, 57.4450,  
21.1658

40.2088, 41.8419,  
15.2961

43.9037, 34.6305,  
13.1269

48.2659, 27.0963,  
11.0362

53.1914, 19.5704,  
9.1012

■ 58.5878, 12.2295,  
7.3497

■ 64.3785, 5.1462,  
5.7803

■ 70.5016, -1.6664,  
4.3776

■ 76.9083, -8.2245,  
3.1213

# Harmonies

## Analogous

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



35.2044, 65.6593, 3.6121



35.2033, 53.1802, 19.2420



35.2044, 25.6214, 23.5907

# Triad

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



35.2044, 53.1761, 19.2426



35.2044, -36.7601, 18.0021



35.2044, -0.0326, -90.4016

# Complementary

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



35.2033, 53.1802, 19.2420



64.3954, -34.8035, -2.6886

# 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.



35.2044, -22.8929, -74.4562



35.2033, 53.1802, 19.2420



35.2044, -39.9411, 0.1316

# Square

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



35.2044, 53.1761, 19.2426



35.2044, -25.2174, 23.2911



35.2044, -35.7268, -35.1640



35.2044, 29.7631, -69.8846



# Rectangle

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



35.2033, 53.1802, 19.2420



35.2044, 5.5294, 24.4929



35.2044, -35.7268, -35.1640



35.2044, -8.7237, -89.1076

# Sweetspot

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



35.2044, 53.1761, 19.2426



77.3099, 18.4862, 10.3622



38.7686, 69.3549, -51.1629



34.6050, 10.1780, 5.1815



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594



# Same Dimension

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



35.2044, 53.1761, 19.2426



45.0924, 77.2836, 28.6612



46.0577, 23.8465, 27.0375



31.7582, 1.1524, 2.4771



27.4924, 47.1455, 17.2695



5.7397, 9.8926, 3.2192



# Inverse Universe

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



35.2044, 53.1761, 19.2426



45.0924, 77.2836, 28.6612



41.8899, -1.6012, -44.7988



31.7582, 1.1524, 2.4771



27.4924, 47.1455, 17.2695



5.7397, 9.8926, 3.2192



# Previews

## White Background



This preview shows how the HunterLab color 35.2033, 53.1802, 19.2420 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 35.2033, 53.1802, 19.2420 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 35.2033, 53.1802, 19.2420 Background



This preview shows how black text looks on a background with the HunterLab color 35.2033, 53.1802, 19.2420.



This preview shows how white text looks on a background with the HunterLab color 35.2033, 53.1802, 19.2420.



# 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

35.2033, 53.1802, 19.2420

### Protanopia

35.6108, -3.9068, 14.9859

### Deuteranopia

35.6359, 2.2243, 20.2724



## Tritanopia

35.2115, 52.6578, 20.3180

# Trichromacy



## Original Color

35.2033, 53.1802, 19.2420

## Protanomaly

32.8162, 17.5446, 14.6586

## Deuteranomaly

33.5008, 22.1269, 18.6120

## Tritanomaly

35.2357, 52.7530, 19.9600

# Monochromacy



## Original Color

35.2033, 53.1802, 19.2420

## Achromatopsia

28.6850, -1.5306, 1.5585

## Achromatomaly

28.3078, 17.5919, 6.9556

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 35.2033, 53.1802, 19.2420 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(192, 32, 40)` looks like.

```
.text, #text, p{  
    color:rgb(192, 32, 40)  
}
```

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(192, 32, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 32, 40) }
```

## Border

The CSS property to change the border of an element to HunterLab 35.2033, 53.1802, 19.2420 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(192, 32, 40) }
```



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

```
.border{ border-color:rgb(192, 32, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 32, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 32, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 32, 40);  
box-shadow:4px 4px 4px 4px rgb(192, 32,  
40) }
```

# Background

The CSS property to change the background color of an element to HunterLab 35.2033, 53.1802, 19.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 32, 40) }
```

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

```
.background{ background-color: rgb(192, 32,  
40) }
```

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