

Converting Colors

HunterLab(33.6495, 54.3306,
19.8396)

Have a look what the booklet for
HunterLab(33.6495, 54.3306,
19.8396) contains.

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Color

**HunterLab(33.7101, 54.4135,
19.9009)**

Conversions

Conversions Part 1

Format	Color
Hex	BD131B
RGB	189, 19, 27
RGB Percent	74%, 7%, 11%
CMY	0.2588, 0.9254, 0.8941
CMYK	0.00, 0.90, 0.86, 0.26
HSL	357°, 82%, 41%
HSV	357°, 90%, 74%
XYZ	21.4170, 11.3637, 2.1015
YIQ	70.7420, 98.7520, 38.5280

Conversions

Conversions Part 2

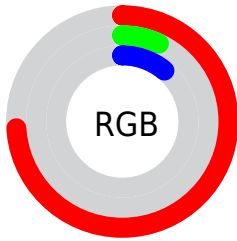
Format	Color
RYB	189, 19, 27
Decimal	12391195
CIELab	40.19, 62.07, 43.23
CIElCh	40, 75.640, 34.853
Yxy	11.3644, 0.6140, 0.3258
Android (android.graphics.Color)	4290581275 (0xFFBD131B)
YUV	70.7420, -21.5648, 103.7123
Hunter-Lab	33.7101, 54.4135, 19.9009

Details

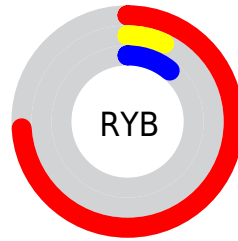
The HunterLab color **33.7101, 54.4135, 19.9009** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **63.1433, -34.7134, -2.7590**, and the grayscale version is **25.0642, -1.3374, 1.3618**.

A 20% lighter version of the original color is **53.2383, 58.3830, 26.8074**, and **21.0609, 36.0675, 13.6091** is the 20% darker color. If you saturate the color by 10%, you get **32.9259, 56.4254, 20.8119**, and if you desaturate by 10%, it is **35.1989, 50.7320, 18.3935**.

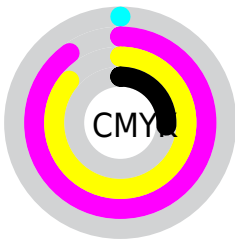
Distribution



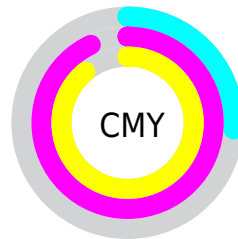
- Red (74%)
- Green (7%)
- Blue (11%)



- Red (74%)
- Yellow (7%)
- Blue (11%)



- Cyan (0%)
- Magenta (90%)
- Yellow (86%)
- Black (26%)



- Cyan (26%)
- Magenta (93%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7101, 54.4135, 19.9009 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 33.7101, 54.4135, 19.9009 by changing the saturation by 10% instead.

■ 33.7101, 54.4135,
19.9009

■ 33.7101, 54.4135,
19.9009

141.4747, 70.5941,
47.0926

■ 25.1247, 52.2525,
16.1319

■ 53.2279, 58.6541,
26.8815

■ 17.4242, 50.2686,
12.1969

■ 64.0443, 60.6516,
30.0887

■ 10.7265, 48.9850,
7.5085

■ 75.5078, 62.5493,
33.1544

■ 1.4411, 213.3336,
1.0088

■ 87.5838, 64.3464,
36.1044

0.0000, INF, NaN

0.0000, NaN, NaN

■ 100.2427, 66.0453,
38.9589


0.0000, NaN, NaN


■ 113.4588, 67.6499,


0.0000, NaN, NaN


41.7337


0.0000, NaN, NaN


 127.2095, 69.1647,
44.4415


 33.7101, 54.4135,
19.9009

 33.7101, 54.4135,
19.9009


 32.9259, 56.4254,
20.8119


 35.1989, 50.7320,
18.3935

 32.9214, 56.4379,
20.8154

 37.5323, 45.3139,
16.4857

 40.6747, 38.6992,
14.3825

 44.5391, 31.4636,
12.2643

 49.0225, 24.0455,
10.2495

■ 54.0257, 16.7119,
8.3961

■ 59.4635, 9.5950,
6.7206

■ 65.2658, 2.7415,
5.2167

■ 71.3766, -3.8486,
3.8674

Harmonies

Analogous

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



33.7112, 69.9366, 5.8687



33.7101, 54.4135, 19.9009



33.7112, 24.1278, 23.4972

Triad

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



33.7112, 54.4093, 19.9015



33.7112, -37.8878, 17.1050



33.7112, 2.8535, -98.7261

Complementary

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



33.7101, 54.4135, 19.9009



63.1433, -34.7134, -2.7590

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.



33.7112, -21.6842, -84.6100



33.7101, 54.4135, 19.9009



33.7112, -40.3037, -2.7684

Square

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



33.7112, 54.4093, 19.9015



33.7112, -27.2840, 22.7104



33.7112, -35.4685, -42.2289



33.7112, 34.6145, -72.5274

Rectangle

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



33.7101, 54.4135, 19.9009



33.7112, 3.1433, 23.5978



33.7112, -35.4685, -42.2289



33.7112, -6.4749, -98.6539

Sweetspot

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



33.7112, 54.4093, 19.9015



74.0726, 19.9506, 10.6529



37.2883, 70.4946, -52.3398



33.2354, 10.7792, 5.3104



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



33.7112, 54.4093, 19.9015



44.0475, 75.4902, 28.0171



43.7527, 26.4157, 26.5863



30.8924, 1.1066, 2.4172



27.0102, 46.3160, 16.9867



5.3692, 9.2535, 3.0151

Inverse Universe

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



33.7112, 54.4093, 19.9015



44.0475, 75.4902, 28.0171



39.3879, 0.4307, -48.1919



30.8924, 1.1066, 2.4172



27.0102, 46.3160, 16.9867



5.3692, 9.2535, 3.0151

Previews

White Background



This preview shows how the HunterLab color 33.7101, 54.4135, 19.9009 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 33.7101, 54.4135, 19.9009 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 33.7101, 54.4135, 19.9009 Background



This preview shows how black text looks on a background with the HunterLab color 33.7101, 54.4135, 19.9009.



This preview shows how white text looks on a background with the HunterLab color 33.7101, 54.4135,

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

33.7101, 54.4135, 19.9009

Protanopia

34.4340, -4.3120, 17.0397

Deuteranopia

34.0877, 1.9648, 21.0391



Tritanopia

33.7485, 53.8133, 20.9438

Trichromacy



Original Color

33.7101, 54.4135, 19.9009

Protanomaly

31.1682, 18.7298, 16.0454

Deuteranomaly

31.4857, 23.1306, 19.2655

Tritanomaly

33.7137, 54.0613, 20.6372

Monochromacy



Original Color

33.7101, 54.4135, 19.9009

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

25.1182, 18.9847, 7.2784

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7101, 54.4135, 19.9009 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(189, 19, 27)` looks like.

```
.text, #text, p{  
    color:rgb(189, 19, 27)  
}
```

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(189, 19, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 19, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7101, 54.4135, 19.9009 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(189, 19, 27) }
```


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

```
.border{ border-color:rgb(189, 19, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 19, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 19, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 19, 27);  
box-shadow:4px 4px 4px 4px rgb(189, 19,  
27) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7101, 54.4135, 19.9009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 19, 27) }
```

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

```
.background{ background-color: rgb(189, 19,  
27) }
```

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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