

Converting Colors

HunterLab(31.5812, 52.1497,
17.6758)

Have a look what the booklet for
HunterLab(31.5812, 52.1497,
17.6758) contains.

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Color

**HunterLab(31.5933, 52.1105,
17.6797)**

Conversions

Conversions Part 1

Format	Color
Hex	B30D21
RGB	179, 13, 33
RGB Percent	70%, 5%, 13%
CMY	0.2980, 0.9489, 0.8706
CMYK	0.00, 0.93, 0.82, 0.30
HSL	353°, 86%, 38%
HSV	353°, 93%, 70%
XYZ	19.0089, 9.9814, 2.3636
YIQ	64.9140, 92.5160, 41.4120

Conversions

Conversions Part 2

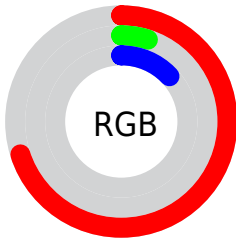
Format	Color
R_{YB}	179, 13, 33
Decimal	11734305
CIE _{Lab}	37.81, 60.46, 36.98
CIE _{LCh}	38, 70.875, 31.454
Yxy	9.9820, 0.6063, 0.3184
Android (android.graphics.Color)	4289924385 (0xFFB30D21)
YUV	64.9140, -15.7336, 100.0534
Hunter-Lab	31.5933, 52.1105, 17.6797

Details

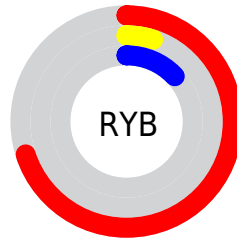
The HunterLab color **31.5933, 52.1105, 17.6797** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **59.0169, -35.0857, 2.7869**, and the grayscale version is **22.9970, -1.2271, 1.2495**.

A 20% lighter version of the original color is **50.6101, 56.3424, 23.7282**, and **19.4471, 33.3038, 12.5663** is the 20% darker color. If you saturate the color by 10%, you get **31.0481, 53.3516, 18.6601**, and if you desaturate by 10%, it is **32.8321, 49.2534, 15.8965**.

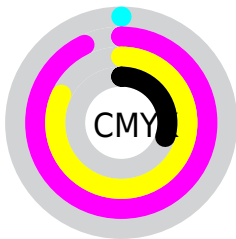
Distribution



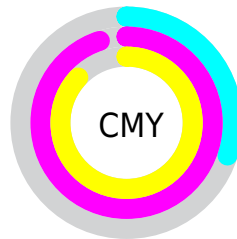
- Red (70%)
- Green (5%)
- Blue (13%)



- Red (70%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (93%)
- Yellow (82%)
- Black (30%)



- Cyan (30%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.5933, 52.1105, 17.6797 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 31.5933, 52.1105, 17.6797 by changing the saturation by 10% instead.

■ 31.5933, 52.1105,
17.6797

■ 31.5933, 52.1105,
17.6797

138.0375, 68.0555,
41.7375

■ 23.2100, 49.9854,
14.2887

■ 50.7559, 56.3034,
23.8323

■ 15.7356, 48.0776,
11.0149

■ 61.4126, 58.2774,
26.6576

■ 9.2985, 47.0464,
6.5090

■ 72.7256, 60.1504,
29.3619

0.0000, INF, NaN

0.0000, INF, NaN

■ 84.6589, 61.9215,
31.9691

0.0000, NaN, NaN

■ 97.1816, 63.5932,
34.4976


0.0000, NaN, NaN


■ 110.2674, 65.1697,


0.0000, NaN, NaN


36.9613


0.0000, NaN, NaN


 123.8929, 66.6556,
39.3717


 31.5933, 52.1105,
17.6797


 31.5933, 52.1105,
17.6797


 31.0481, 53.3516,
18.6601

 32.8321, 49.2534,
15.8965

 34.8449, 44.6562,
13.8742

 37.6142, 38.7576,
11.8205

 41.0686, 32.0958,
9.8975

 45.1156, 25.1165,
8.1979

■ 49.6631, 18.1128,
6.7540

■ 54.6301, 11.2439,
5.5608

■ 59.9490, 4.5790,
4.5949

■ 65.5657, -1.8654,
3.8266

Harmonies

Analogous

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



31.5943, 63.9688, 2.8833



31.5933, 52.1105, 17.6797



31.5943, 25.3894, 21.7315

Triad

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



31.5943, 52.1066, 17.6803



31.5943, -34.3026, 16.8949



31.5943, -0.4306, -89.7800

Complementary

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



31.5933, 52.1105, 17.6797



59.0169, -35.0857, 2.7869

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.



31.5943, -21.9069, -73.0609



31.5933, 52.1105, 17.6797



31.5943, -37.3324, 0.5102

Square

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



31.5943, 52.1066, 17.6803



31.5943, -23.4576, 21.4955



31.5943, -33.6280, -33.6877



31.5943, 28.2599, -69.7862

Rectangle

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



31.5933, 52.1105, 17.6797



31.5943, 5.9509, 22.1160



31.5943, -33.6280, -33.6877



31.5943, -8.6628, -88.2198

Sweetspot

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



31.5943, 52.1066, 17.6803



69.2246, 20.3043, 8.3207



32.7081, 63.6967, -56.0375



31.2757, 11.4210, 4.2566



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



31.5943, 52.1066, 17.6803



41.5303, 71.3229, 25.2777



38.0721, 32.3201, 23.4312



29.1914, 1.1148, 2.0362



26.1100, 44.8867, 15.5347



4.6884, 8.1724, 1.9177

Inverse Universe

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



31.5943, 52.1066, 17.6803



41.5303, 71.3229, 25.2777



40.4116, -5.3556, -37.7627



29.1914, 1.1148, 2.0362



26.1100, 44.8867, 15.5347



4.6884, 8.1724, 1.9177

Previews

White Background



This preview shows how the HunterLab color 31.5933, 52.1105, 17.6797 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



This preview shows how the HunterLab color 31.5933, 52.1105, 17.6797 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 31.5933, 52.1105, 17.6797 Background



This preview shows how black text looks on a background with the HunterLab color 31.5933, 52.1105, 17.6797.



This preview shows how white text looks on a background with the HunterLab color 31.5933, 52.1105,

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

31.5933, 52.1105, 17.6797

Protanopia

32.2963, -3.4921, 14.0900

Deuteranopia

32.1622, 2.0310, 18.7988



Tritanopia

31.6867, 50.8319, 19.8227

Trichromacy



Original Color

31.5933, 52.1105, 17.6797

Protanomaly

28.9896, 18.7565, 13.3182

Deuteranomaly

29.3139, 22.9886, 16.8260

Tritanomaly

31.6248, 51.2956, 19.2300

Monochromacy



Original Color

31.5933, 52.1105, 17.6797

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

22.9678, 18.5876, 5.7834

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.5933, 52.1105, 17.6797 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(179, 13, 33)` looks like.

```
.text, #text, p{  
    color:rgb(179, 13, 33)  
}
```

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(179, 13, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 13, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 31.5933, 52.1105, 17.6797 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(179, 13, 33) }
```


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

```
.border{ border-color:rgb(179, 13, 33) }
```

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

Here you see how a box with a 4 pixel rgb(179, 13, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 13, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 13, 33);  
box-shadow:4px 4px 4px 4px rgb(179, 13,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.5933, 52.1105, 17.6797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 13, 33) }
```

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

```
.background{ background-color: rgb(179, 13,  
33) }
```

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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