

Converting Colors

HunterLab(31.4376, 45.2083,
17.4220)

Have a look what the booklet for
HunterLab(31.4376, 45.2083,
17.4220) contains.

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Color

**HunterLab(31.3934, 45.2073,
17.4185)**

Conversions

Conversions Part 1

Format	Color
Hex	AB2121
RGB	171, 33, 33
RGB Percent	67%, 13%, 13%
CMY	0.3294, 0.8705, 0.8706
CMYK	0.00, 0.81, 0.81, 0.33
HSL	0°, 68%, 40%
HSV	0°, 81%, 67%
XYZ	17.6130, 9.8555, 2.4128
YIQ	74.2620, 82.2480, 29.2560

Conversions

Conversions Part 2

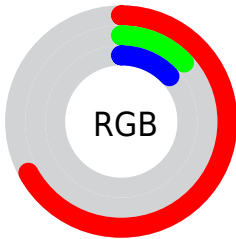
Format	Color
R_{YB}	171, 33, 33
Decimal	11215137
CIE Lab	37.58, 54.10, 36.21
CIE LCh	38, 65.098, 33.793
Yxy	9.8561, 0.5894, 0.3298
Android (android.graphics.Color)	4289405217 (0xFFAB2121)
YUV	74.2620, -20.3422, 84.8392
Hunter-Lab	31.3934, 45.2073, 17.4185

Details

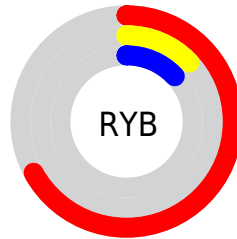
The HunterLab color **31.3934, 45.2073, 17.4185** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **56.9076, -28.8929, -5.5803**, and the grayscale version is **26.3136, -1.4040, 1.4297**.

A 20% lighter version of the original color is **50.5252, 48.6801, 23.5276**, and **18.2071, 31.1803, 11.7650** is the 20% darker color. If you saturate the color by 10%, you get **30.1048, 48.5369, 18.4424**, and if you desaturate by 10%, it is **33.4361, 40.3446, 15.9384**.

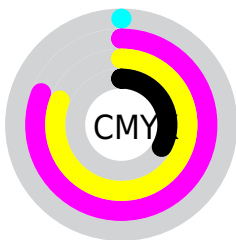
Distribution



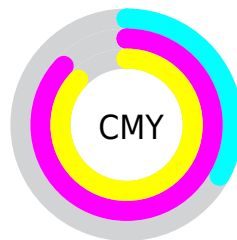
- Red (67%)
- Green (13%)
- Blue (13%)



- Red (67%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (81%)
- Yellow (81%)
- Black (33%)



- Cyan (33%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3934, 45.2073, 17.4185 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 31.3934, 45.2073, 17.4185 by changing the saturation by 10% instead.

■ 31.3934, 45.2073,
17.4185

■ 31.3934, 45.2073,
17.4185

137.7104, 59.4261,
41.0764

■ 23.0296, 43.1803,
14.0779

■ 50.5217, 49.0697,
23.4632

■ 15.5772, 41.2533,
10.9040

■ 61.1630, 50.8510,
26.2395

■ 9.1622, 39.9350,
6.4136

■ 72.4615, 52.5246,
28.8977

0.0000, INF, NaN

0.0000, INF, NaN

■ 84.3810, 54.0934,
31.4615

0.0000, NaN, NaN

■ 96.8907, 55.5626,
33.9488

0.0000, NaN, NaN

■ 109.9639, 56.9374,

0.0000, NaN, NaN

36.3734

0.0000, NaN, NaN

123.5774, 58.2236,
38.7464

31.3934, 45.2073,
17.4185

31.3934, 45.2073,
17.4185

30.1048, 48.5369,
18.4424

33.4361, 40.3446,
15.9384

29.4248, 50.3881,
19.0136

36.2005, 34.4443,
14.1607

39.6121, 28.0161,
12.2527

43.5795, 21.4504,
10.3384

48.0144, 14.9840,
8.4911

■ 52.8401, 8.7326,
6.7439

■ 57.9938, 2.7352,
5.1054

■ 63.4249, -3.0109,
3.5712

■ 69.0935, -8.5274,
2.1309

Harmonies

Analogous

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



31.3944, 57.0859, 4.4130



31.3934, 45.2073, 17.4185



31.3944, 20.7910, 21.1321

Triad

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



31.3944, 45.2038, 17.4190



31.3944, -32.7278, 15.3522



31.3944, 1.3585, -78.1419

Complementary

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



31.3934, 45.2073, 17.4185



56.9076, -28.8929, -5.5803

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.



31.3944, -19.1932, -66.1531



31.3934, 45.2073, 17.4185



31.3944, -35.1622, -1.2595

Square

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



31.3944, 45.2038, 17.4190



31.3944, -23.0048, 20.5635



31.3944, -31.0229, -32.6795



31.3944, 27.5052, -58.8161

Rectangle

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



31.3934, 45.2073, 17.4185



31.3944, 3.3426, 21.9652



31.3944, -31.0229, -32.6795



31.3944, -6.3994, -77.6864

Sweetspot

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



31.3944, 45.2038, 17.4190



68.2546, 14.7626, 9.8787



35.6172, 61.4017, -41.1130



31.1776, 8.3441, 5.0491



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



31.3944, 45.2038, 17.4190



39.5795, 66.8773, 25.2732



42.7439, 16.3208, 24.6285



28.3116, 0.9270, 2.3555



25.5482, 43.7492, 16.5086



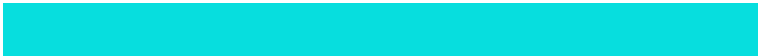
4.2616, 7.2955, 2.7537

Inverse Universe

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



56.9076, -28.8929, -5.5803



75.8037, -40.0562, -7.9613



35.7300, 1.0652, -41.8974



30.1197, -3.8984, 0.8682



49.1620, -26.0606, -5.1909



8.2000, -4.3469, -0.8655

Previews

White Background



This preview shows how the HunterLab color 31.3934, 45.2073, 17.4185 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 31.3934, 45.2073, 17.4185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 31.3934, 45.2073, 17.4185 Background



This preview shows how black text looks on a background with the HunterLab color 31.3934, 45.2073, 17.4185.



This preview shows how white text looks on a background with the HunterLab color 31.3934, 45.2073,

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

31.3934, 45.2073, 17.4185

Protanopia

31.9036, -3.6006, 14.3991

Deuteranopia

31.7147, 1.8226, 18.3371



Tritanopia

31.3934, 45.2073, 17.4185

Trichromacy



Original Color

31.3934, 45.2073, 17.4185

Protanomaly

29.6490, 14.4692, 13.9525

Deuteranomaly

30.0582, 18.3939, 17.0296

Tritanomaly

31.3934, 45.2073, 17.4185

Monochromacy



Original Color

31.3934, 45.2073, 17.4185

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

25.8745, 14.4625, 6.7157

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3934, 45.2073, 17.4185 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(171, 33, 33)` looks like.

```
.text, #text, p{  
    color:rgb(171, 33, 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(171, 33, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 33, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3934, 45.2073, 17.4185 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(171, 33, 33) }
```


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

```
.border{ border-color:rgb(171, 33, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 33, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 33, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 33, 33);  
box-shadow:4px 4px 4px 4px rgb(171, 33,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.3934, 45.2073, 17.4185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 33, 33) }
```

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

```
.background{ background-color: rgb(171, 33,  
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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