

Converting Colors

HunterLab(33.0654, 41.1925,
16.1973)

Have a look what the booklet for
HunterLab(33.0654, 41.1925,
16.1973) contains.

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Color

**HunterLab(33.0094, 41.3226,
16.2332)**

Conversions

Conversions Part 1

Format	Color
Hex	AB2F2F
RGB	171, 47, 47
RGB Percent	67%, 18%, 18%
CMY	0.3294, 0.8157, 0.8157
CMYK	0.00, 0.73, 0.73, 0.33
HSL	0°, 57%, 43%
HSV	0°, 73%, 67%
XYZ	18.3242, 10.8962, 3.8267
YIQ	84.0760, 73.9040, 26.2880

Conversions

Conversions Part 2

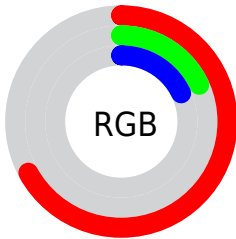
Format	Color
R_{YB}	171, 47, 47
Decimal	11218735
CIE Lab	39.41, 50.03, 30.02
CIE LCh	39, 58.341, 30.963
Yxy	10.8968, 0.5545, 0.3297
Android (android.graphics.Color)	4289408815 (0xFFAB2F2F)
YUV	84.0760, -18.2785, 76.2323
Hunter-Lab	33.0094, 41.3226, 16.2332

Details

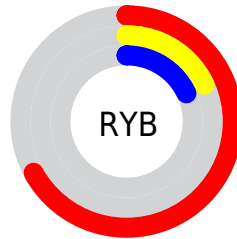
The HunterLab color **33.0094, 41.3226, 16.2332** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **57.1552, -27.9278, -5.2371**, and the grayscale version is **29.8499, -1.5927, 1.6218**.

A 20% lighter version of the original color is **52.3917, 44.6158, 21.3451**, and **18.3894, 31.5043, 11.7904** is the 20% darker color. If you saturate the color by 10%, you get **31.1048, 45.9332, 17.6421**, and if you desaturate by 10%, it is **35.6485, 35.5678, 14.4968**.

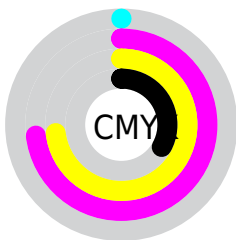
Distribution



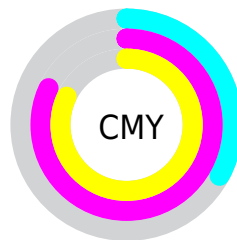
- Red (67%)
- Green (18%)
- Blue (18%)



- Red (67%)
- Yellow (18%)
- Blue (18%)



- Cyan (0%)
- Magenta (73%)
- Yellow (73%)
- Black (33%)



- Cyan (33%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0094, 41.3226, 16.2332 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 33.0094, 41.3226, 16.2332 by changing the saturation by 10% instead.

■ 33.0094, 41.3226,
16.2332

■ 33.0094, 41.3226,
16.2332

140.3419, 54.1920,
36.4401

■ 24.4898, 39.3910,
13.4366

■ 52.4111, 44.9034,
21.2932

■ 16.8629, 37.4645,
10.9575

■ 63.1753, 46.5295,
23.6403

■ 10.2500, 35.8306,
7.1750

■ 74.5895, 48.0462,
25.9022

0.0000, INF, NaN

0.0000, INF, NaN

■ 86.6188, 49.4590,
28.0972

0.0000, NaN, NaN

■ 99.2331, 50.7741,
30.2390

0.0000, NaN, NaN

■ 112.4065, 51.9975,

0.0000, NaN, NaN

32.3382

0.0000, NaN, NaN

126.1162, 53.1350,
34.4031

■ 33.0094, 41.3226,
16.2332

■ 33.0094, 41.3226,
16.2332

■ 31.1048, 45.9332,
17.6421

■ 35.6485, 35.5678,
14.4968

■ 29.9491, 48.9551,
18.5710

■ 38.9494, 29.2016,
12.6016

■ 29.4247, 50.3885,
19.0135

■ 42.8229, 22.6389,
10.6817

■ 47.1792, 16.1428,
8.8188

■ 51.9392, 9.8477,
7.0524

■ 57.0376, 3.8034,
5.3943

■ 62.4217, -1.9871,
3.8419

■ 68.0499, -7.5433,
2.3856

■ 73.8891, -12.8937,
1.0135

Harmonies

Analogous

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



33.0104, 50.1147, 2.4463



33.0094, 41.3226, 16.2332



33.0104, 20.6140, 20.9501

Triad

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



33.0104, 41.3193, 16.2338



33.0104, -30.5293, 15.6853



33.0104, -1.0705, -65.9316

Complementary

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



33.0094, 41.3226, 16.2332



57.1552, -27.9278, -5.2371

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.



33.0104, -19.4160, -53.8109



33.0094, 41.3226, 16.2332



33.0104, -33.5936, 1.1339

Square

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



33.0104, 41.3193, 16.2338



33.0104, -20.3368, 20.8044



33.0104, -30.1005, -25.2632



33.0104, 22.1184, -52.2771

Rectangle

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



33.0094, 41.3226, 16.2332



33.0104, 4.9343, 21.8107



33.0104, -30.1005, -25.2632



33.0104, -7.9658, -64.6945

Sweetspot

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



33.0104, 41.3193, 16.2338



69.5914, 13.0755, 9.4093



36.9205, 57.0387, -38.1225



32.0530, 7.2008, 4.7288



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.



33.0104, 41.3193, 16.2338



40.5776, 64.1869, 24.4440



44.4976, 13.4948, 24.0721



28.3116, 0.9270, 2.3555



25.5480, 43.7496, 16.5085



4.2615, 7.2959, 2.7536

Inverse Universe

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



57.1552, -27.9278, -5.2371



75.9479, -39.4965, -7.7601



38.0551, -0.9678, -36.5941



30.1198, -3.8984, 0.8683



49.1629, -26.0617, -5.1897



8.2001, -4.3470, -0.8654

Previews

White Background



This preview shows how the HunterLab color 33.0094, 41.3226, 16.2332 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 33.0094, 41.3226, 16.2332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

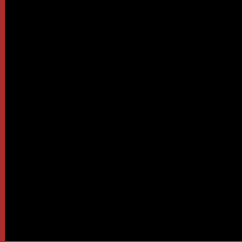
Any Text WCAG AA × Fail

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 33.0094, 41.3226, 16.2332 Background



This preview shows how black text looks on a background with the HunterLab color 33.0094, 41.3226, 16.2332.



This preview shows how white text looks on a background with the HunterLab color 33.0094, 41.3226,

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

33.0094, 41.3226, 16.2332

Protanopia

33.4501, -3.1499, 12.2213

Deuteranopia

33.2763, 2.2459, 17.1241



Tritanopia

33.0344, 41.4270, 15.8657

Trichromacy



Original Color

33.0094, 41.3226, 16.2332

Protanomaly

31.8044, 12.5042, 12.6005

Deuteranomaly

32.2228, 16.6393, 16.1163

Tritanomaly

33.0217, 41.3742, 16.0515

Monochromacy



Original Color

33.0094, 41.3226, 16.2332

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.4524, 12.6589, 6.3696

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0094, 41.3226, 16.2332 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, 47, 47)` looks like.

```
.text, #text, p{  
    color:rgb(171, 47, 47)  
}
```

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, 47, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 47, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0094, 41.3226, 16.2332 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, 47, 47) }
```


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

```
.border{ border-color:rgb(171, 47, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 47, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 47, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 47, 47);  
box-shadow:4px 4px 4px 4px rgb(171, 47,  
47) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.0094, 41.3226, 16.2332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 47, 47) }
```

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

```
.background{ background-color: rgb(171, 47,  
47) }
```

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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