

Converting Colors

HunterLab(31.9911, 45.9748,
18.0893)

Have a look what the booklet for
HunterLab(31.9911, 45.9748,
18.0893) contains.

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Color

**HunterLab(32.0026, 45.9270,
18.1222)**

Conversions

Conversions Part 1

Format	Color
Hex	AE221F
RGB	174, 34, 31
RGB Percent	68%, 13%, 12%
CMY	0.3176, 0.8666, 0.8784
CMYK	0.00, 0.80, 0.82, 0.32
HSL	1°, 70%, 40%
HSV	1°, 82%, 68%
XYZ	18.2749, 10.2417, 2.3100
YIQ	75.5180, 84.4030, 28.7470

Conversions

Conversions Part 2

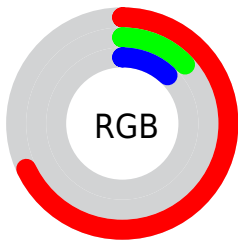
Format	Color
R_{YB}	174, 34, 31
Decimal	11411999
CIE _{Lab}	38.27, 54.65, 38.21
CIE _{LCh}	38, 66.681, 34.960
Yxy	10.2423, 0.5928, 0.3322
Android (android.graphics.Color)	4289602079 (0xFFAE221F)
YUV	75.5180, -21.9474, 86.3687
Hunter-Lab	32.0026, 45.9270, 18.1222

Details

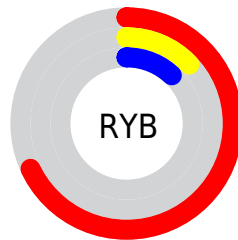
The HunterLab color **32.0026, 45.9270, 18.1222** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **56.9813, -28.4012, -7.0523**, and the grayscale version is **26.7678, -1.4283, 1.4543**.

A 20% lighter version of the original color is **51.3371, 49.7409, 24.6078**, and **18.7369, 32.0875, 12.1073** is the 20% darker color. If you saturate the color by 10%, you get **30.7075, 49.3375, 19.0105**, and if you desaturate by 10%, it is **34.0397, 41.0244, 16.7468**.

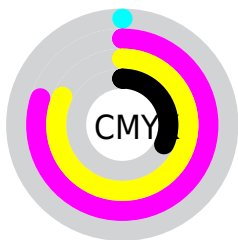
Distribution



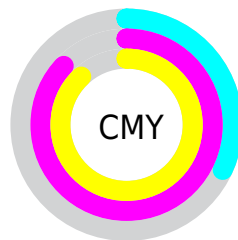
- Red (68%)
- Green (13%)
- Blue (12%)



- Red (68%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (80%)
- Yellow (82%)
- Black (32%)



- Cyan (32%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.0026, 45.9270, 18.1222 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 32.0026, 45.9270, 18.1222 by changing the saturation by 10% instead.

■ 32.0026, 45.9270,
18.1222

■ 32.0026, 45.9270,
18.1222

138.7057, 60.2432,
42.7988

■ 23.5794, 43.8896,
14.6527

■ 51.2350, 49.8083,
24.4398

■ 16.0604, 41.9456,
11.2423

■ 61.9230, 51.5997,
27.3407

■ 9.5724, 40.5420,
6.7007

■ 73.2655, 53.2840,
30.1163

0.0000, INF, NaN

0.0000, INF, NaN

■ 85.2268, 54.8639,
32.7910

0.0000, NaN, NaN

■ 97.7762, 56.3444,
35.3836


0.0000, NaN, NaN


■ 110.8875, 57.7309,

0.0000, NaN, NaN


37.9084


0.0000, NaN, NaN


 124.5375, 59.0288,
40.3771


 32.0026, 45.9270,
18.1222


 32.0026, 45.9270,
18.1222


 30.7075, 49.3375,
19.0105


 34.0397, 41.0244,
16.7468

 30.1300, 50.9200,
19.4574

 36.7878, 35.1139,
15.0258

 40.1759, 28.6900,
13.1214

 44.1156, 22.1340,
11.1621

 48.5213, 15.6799,
9.2294

■ 53.3176, 9.4439,
7.3654

■ 58.4425, 3.4661,
5.5863

■ 63.8460, -2.2546,
3.8934

■ 69.4883, -7.7396,
2.2809

Harmonies

Analogous

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



32.0036, 58.9248, 5.3300



32.0026, 45.9270, 18.1222



32.0036, 20.4085, 21.6803

Triad

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



32.0036, 45.9234, 18.1227



32.0036, -33.8469, 15.3647



32.0036, 2.4044, -80.8895

Complementary

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



32.0026, 45.9270, 18.1222



56.9813, -28.4012, -7.0523

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.



32.0036, -19.0855, -69.6682



32.0026, 45.9270, 18.1222



32.0036, -36.0733, -2.3164

Square

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



32.0036, 45.9234, 18.1227



32.0036, -24.2049, 20.9336



32.0036, -31.5642, -35.3055



32.0036, 29.4764, -59.7101

Rectangle

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



32.0026, 45.9270, 18.1222



32.0036, 2.4729, 22.4025



32.0036, -31.5642, -35.3055



32.0036, -5.6873, -80.8737

Sweetspot

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



32.0036, 45.9234, 18.1227



69.6513, 15.4196, 10.7261



35.9756, 62.8465, -40.7370



31.7871, 8.6336, 5.4645



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



32.0036, 45.9234, 18.1227



40.5952, 68.5706, 26.1198



43.7915, 16.0662, 25.5102



28.3573, 0.8472, 2.4066



25.6819, 43.2927, 16.5830



4.3825, 6.8899, 2.8211

Inverse Universe

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



56.9813, -28.4012, -7.0523



76.1030, -39.2052, -10.3817



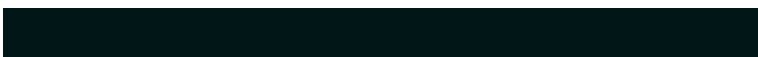
35.3328, 2.6984, -45.3767



30.0711, -3.8211, 0.8111



48.1370, -24.8389, -6.5470



8.0838, -4.2088, -1.0185

Previews

White Background



This preview shows how the HunterLab color 32.0026, 45.9270, 18.1222 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 32.0026, 45.9270, 18.1222 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 32.0026, 45.9270, 18.1222 Background



This preview shows how black text looks on a background with the HunterLab color 32.0026, 45.9270, 18.1222.



This preview shows how white text looks on a background with the HunterLab color 32.0026, 45.9270,

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

32.0026, 45.9270, 18.1222

Protanopia

32.5857, -3.9601, 15.3068

Deuteranopia

32.4016, 1.5379, 19.0956



Tritanopia

32.0196, 45.9947, 17.8712

Trichromacy



Original Color

32.0026, 45.9270, 18.1222

Protanomaly

30.4233, 14.5582, 14.9132

Deuteranomaly

30.6963, 18.1310, 17.8620

Tritanomaly

32.0110, 45.9603, 17.9986

Monochromacy



Original Color

32.0026, 45.9270, 18.1222

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

26.6617, 14.7113, 7.1798

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.0026, 45.9270, 18.1222 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(174, 34, 31)` looks like.

```
.text, #text, p{  
    color:rgb(174, 34, 31)  
}
```

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(174, 34, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 34, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 32.0026, 45.9270, 18.1222 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(174, 34, 31) }
```


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

```
.border{ border-color:rgb(174, 34, 31) }
```

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

Here you see how a box with a 4 pixel rgb(174, 34, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 34, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 34, 31);  
box-shadow:4px 4px 4px 4px rgb(174, 34,  
31) }
```

Background

The CSS property to change the background color of an element to HunterLab 32.0026, 45.9270, 18.1222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 34, 31) }
```

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

```
.background{ background-color: rgb(174, 34,  
31) }
```

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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