

Converting Colors

HunterLab(18.1241, -8.7045,
8.1144)

Have a look what the booklet for
HunterLab(18.1241, -8.7045, 8.1144)
contains.

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Color

**HunterLab(18.1318, -8.6746,
8.1951)**

Conversions

Conversions Part 1

Format	Color
Hex	253818
RGB	37, 56, 24
RGB Percent	15%, 22%, 9%
CMY	0.8549, 0.7804, 0.9059
CMYK	0.34, 0.00, 0.57, 0.78
HSL	96°, 40%, 16%
HSV	96°, 57%, 22%
XYZ	2.3420, 3.2876, 1.3753
YIQ	46.6710, -1.0520, -13.9800

Conversions

Conversions Part 2

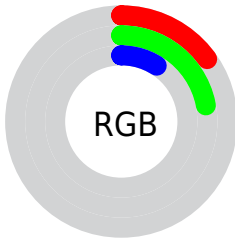
Format	Color
R_{YB}	24, 56, 43
Decimal	2439192
CIE _{Lab}	21.16, -14.68, 17.49
CIE _{LCh}	21, 22.837, 130.003
Yxy	3.2878, 0.3343, 0.4693
Android (android.graphics.Color)	4280629272 (0xFF253818)
YUV	46.6710, -11.1768, -8.4815
Hunter-Lab	18.1318, -8.6746, 8.1951

Details

The HunterLab color **18.1318, -8.6746, 8.1951** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12.0519, 9.0768, -10.8216**, and the grayscale version is **16.7875, -0.8957, 0.9121**.

A 20% lighter version of the original color is **34.5787, -11.6741, 11.7257**, and **4.1673, -3.5735, 2.5053** is the 20% darker color. If you saturate the color by 10%, you get **17.9111, -9.6610, 8.9158**, and if you desaturate by 10%, it is **18.3790, -7.5787, 7.3155**.

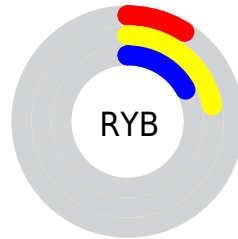
Distribution



Red (15%)

Green (22%)

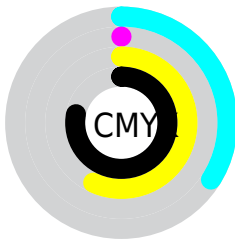
Blue (9%)



Red (9%)

Yellow (22%)

Blue (17%)

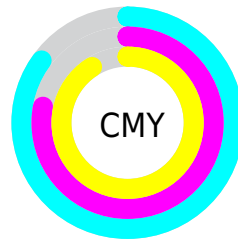


Cyan (34%)

Magenta (0%)

Yellow (57%)

Black (78%)



Cyan (85%)

Magenta (78%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1318, -8.6746, 8.1951 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 18.1318, -8.6746, 8.1951 by changing the saturation by 10% instead.

■ 18.1318, -8.6746,
8.1951

■ 18.1318, -8.6746,
8.1951

■ 114.7746,
-21.3608, 22.6056

■ 11.3303, -6.9714,
7.2907

■ 34.5913, -11.7249,
11.7882

■ 3.5857, -6.2749,
2.5100

■ 44.0547, -13.1567,
13.4382

0.0000, NaN, NaN

■ 54.2516, -14.5553,
15.0316

0.0000, NaN, NaN

■ 65.1327, -15.9327,
16.5860


0.0000, NaN, NaN


■ 76.6573, -17.2969,
18.1131


0.0000, NaN, NaN


■ 88.7913, -18.6537,


0.0000, NaN, NaN


 101.5055,
-20.0073, 21.1175


 18.1318, -8.6746,
8.1951


 18.1318, -8.6746,
8.1951


 17.9111, -9.6610,
8.9158


 18.3790, -7.5787,
7.3155


 17.7154, -10.5346,
9.4798


 18.6516, -6.3758,
6.2768


 17.5431, -11.3037,
9.9133

 18.9499, -5.0710,
5.0811

 17.3854, -12.0195,
10.3456

 19.2736, -3.6698,
3.7324

 17.3427, -12.2157,
10.4726

 19.6225, -2.1782,
2.2361

■ 19.9960, -0.6027,
0.5984

■ 20.3935, 1.0501,
-1.1734

■ 20.8145, 2.7735,
-3.0719

■ 21.2581, 4.5611,
-5.0889

Harmonies

Analogous

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



18.1322, -3.1978, 9.4928



18.1318, -8.6746, 8.1951



18.1322, -11.7502, 4.7667

Triad

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



18.1322, -8.6750, 8.1952



18.1322, -5.2522, -15.1540



18.1322, 13.8935, 3.0292

Complementary

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



18.1318, -8.6746, 8.1951



12.0519, 9.0768, -10.8216

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.



18.1322, 13.1263, -3.8362



18.1318, -8.6746, 8.1951



18.1322, 1.3740, -16.1719

Square

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



18.1322, -8.6750, 8.1952



18.1322, -9.9866, -9.0431



18.1322, 8.2884, -11.4566



18.1322, 10.2511, 7.3302

Rectangle

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



18.1318, -8.6746, 8.1951



18.1322, -12.3393, 0.9863



18.1322, 8.2884, -11.4566



18.1322, 14.1541, 0.9876

Sweetspot

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



18.1322, -8.6750, 8.1952



25.3122, -4.9636, 5.0435



16.1569, 0.9770, 6.8016



13.5434, -2.7014, 2.7433



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



18.1322, -8.6750, 8.1952



23.4099, -13.3409, 12.1485



17.6077, -10.6906, 7.2385



10.6247, -1.2811, 1.3145



28.3168, -20.6629, 17.0869



72.7652, -54.8802, 43.8768

Inverse Universe

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



12.0519, 9.0768, -10.8216



13.6619, 15.5389, -19.3871



13.2448, 11.9691, -6.8880



10.1077, 0.1960, -0.2309



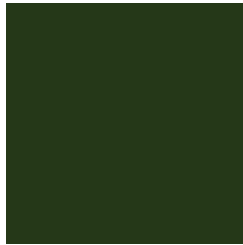
12.5206, 27.5853, -39.5322



31.4535, 70.1754, -106.1094

Previews

White Background



This preview shows how the HunterLab color 18.1318, -8.6746, 8.1951 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

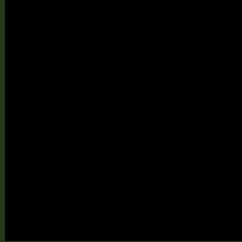
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

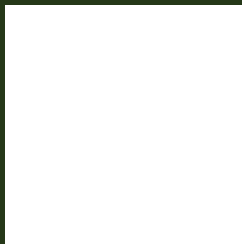
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 18.1318, -8.6746, 8.1951 Background



This preview shows how black text looks on a background with the HunterLab color 18.1318, -8.6746, 8.1951.

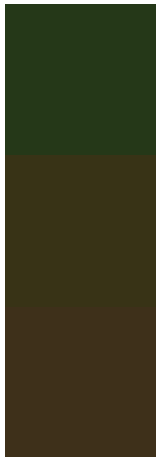


This preview shows how white text looks on a background with the HunterLab color 18.1318, -8.6746, 8.1951.

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

18.1318, -8.6746, 8.1951

Protanopia

18.0730, -2.3976, 8.6044

Deuteranopia

17.9238, 0.8005, 7.8258



Tritanopia

18.2588, -2.9525, -1.3702

Trichromacy



Original Color

18.1318, -8.6746, 8.1951

Protanomaly

18.0583, -4.9691, 8.3790

Deuteranomaly

17.8738, -3.0418, 7.9097

Tritanomaly

18.1078, -5.3894, 2.9348

Monochromacy



Original Color

18.1318, -8.6746, 8.1951

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.1502, -3.9606, 3.8627

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1318, -8.6746, 8.1951 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(37, 56, 24)` looks like.

```
.text, #text, p{  
    color:rgb(37, 56, 24)  
}
```

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(37, 56, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 56, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1318, -8.6746, 8.1951 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(37, 56, 24) }
```


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

```
.border{ border-color:rgb(37, 56, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 56, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 56, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 56, 24);  
box-shadow:4px 4px 4px 4px rgb(37, 56, 24)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1318, -8.6746, 8.1951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 56, 24) }
```

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

```
.background{ background-color: rgb(37, 56,  
24) }
```

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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