

Converting Colors

HunterLab(18.3898, -6.5761,
8.0682)

Have a look what the booklet for
HunterLab(18.3898, -6.5761, 8.0682)
contains.

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Color

**HunterLab(18.3435, -6.4617,
8.0313)**

Conversions

Conversions Part 1

Format	Color
Hex	2D371A
RGB	45, 55, 26
RGB Percent	18%, 22%, 10%
CMY	0.8235, 0.7843, 0.8980
CMYK	0.18, 0.00, 0.53, 0.78
HSL	81°, 36%, 16%
HSV	81°, 53%, 22%
XYZ	2.6348, 3.3648, 1.4879
YIQ	48.7040, 3.3490, -11.1390

Conversions

Conversions Part 2

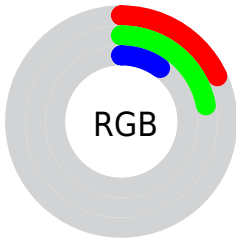
Format	Color
RYB	26, 55, 36
Decimal	2963226
CIELab	21.45, -10.10, 16.75
CIELCh	21, 19.561, 121.077
Yxy	3.3650, 0.3519, 0.4494
Android (android.graphics.Color)	4281153306 (0xFF2D371A)
YUV	48.7040, -11.1931, -3.2484
Hunter-Lab	18.3435, -6.4617, 8.0313

Details

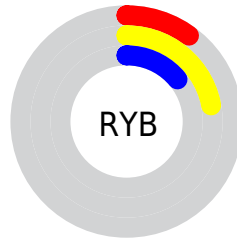
The HunterLab color **18.3435, -6.4617, 8.0313** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **11.7889, 6.4220, -10.8024**, and the grayscale version is **17.4622, -0.9317, 0.9488**.

A 20% lighter version of the original color is **34.8842, -9.0018, 11.4897**, and **4.6592, -3.9953, 2.8010** is the 20% darker color. If you saturate the color by 10%, you get **18.1677, -7.2539, 8.8310**, and if you desaturate by 10%, it is **18.5364, -5.5934, 7.0662**.

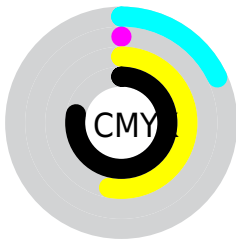
Distribution



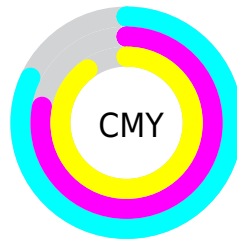
- Red (18%)
- Green (22%)
- Blue (10%)



- Red (10%)
- Yellow (22%)
- Blue (14%)



- Cyan (18%)
- Magenta (0%)
- Yellow (53%)
- Black (78%)



- Cyan (82%)
- Magenta (78%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.3435, -6.4617, 8.0313 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 18.3435, -6.4617, 8.0313 by changing the saturation by 10% instead.

■ 18.3435, -6.4617,
8.0313

■ 18.3435, -6.4617,
8.0313

■ 115.1657,
-16.7280, 22.0100

■ 11.5114, -5.2002,
6.9819

■ 34.8537, -8.8040,
11.4918

■ 4.0066, -7.0116,
2.8046

■ 44.3391, -9.9368,
13.0875

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.5564, -11.0610,
14.6320

0.0000, NaN, NaN

■ 65.4566, -12.1835,
16.1415

0.0000, NaN, NaN

■ 76.9992, -13.3087,
17.6272

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.1503, -14.4398,

■ 101.8809,
-15.5790, 20.5563

■ 18.3435, -6.4617,
8.0313

■ 18.3435, -6.4617,
8.0313

■ 18.1677, -7.2539,
8.8310

■ 18.5364, -5.5934,
7.0662

■ 18.0074, -7.9688,
9.4685

■ 18.7455, -4.6482,
5.9334

■ 17.8626, -8.6078,
9.9507

■ 18.9713, -3.6282,
4.6328

■ 17.7265, -9.2102,
10.3775

■ 19.2137, -2.5354,
3.1657

■ 17.6300, -9.6414,
10.6948

■ 19.4729, -1.3721,
1.5348

■ 19.7486, -0.1412,
-0.2564

■ 20.0407, 1.1541,
-2.2033

■ 20.3491, 2.5106,
-4.3007

■ 20.6733, 3.9246,
-6.5427

Harmonies

Analogous

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



18.3439, -1.1920, 8.8289



18.3435, -6.4617, 8.0313



18.3439, -9.8692, 5.4782

Triad

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



18.3439, -6.4622, 8.0315



18.3439, -6.1370, -11.1401



18.3439, 11.7578, 1.1997

Complementary

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



18.3435, -6.4617, 8.0313



11.7889, 6.4220, -10.8024

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.



18.3439, 10.0103, -5.0064



18.3435, -6.4617, 8.0313



18.3439, -0.7666, -13.3503

Square

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



18.3439, -6.4622, 8.0315



18.3439, -9.6988, -5.4710



18.3439, 5.2332, -10.8177



18.3439, 9.7506, 5.7306

Rectangle

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



18.3435, -6.4617, 8.0313



18.3439, -10.8720, 2.5906



18.3439, 5.2332, -10.8177



18.3439, 11.5884, -0.7504

Sweetspot

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



18.3439, -6.4622, 8.0315



24.6843, -3.8580, 4.8826



14.5896, 3.6228, 5.0818



12.8891, -2.0402, 2.5842



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



18.3439, -6.4622, 8.0315



23.3912, -9.6891, 11.7043



17.5950, -9.3569, 7.3848



10.6690, -1.1244, 1.3661



29.2997, -16.6594, 17.7627



75.3123, -44.4475, 45.6290

Inverse Universe

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



11.7889, 6.4220, -10.8024



13.0702, 11.0094, -19.1015



13.0271, 9.8511, -8.2514



10.0612, 0.0373, -0.2922



10.3482, 25.1547, -50.9333



25.7908, 64.0588, -137.5292

Previews

White Background



This preview shows how the HunterLab color 18.3435, -6.4617, 8.0313 looks on a white background.

Color Contrast Check

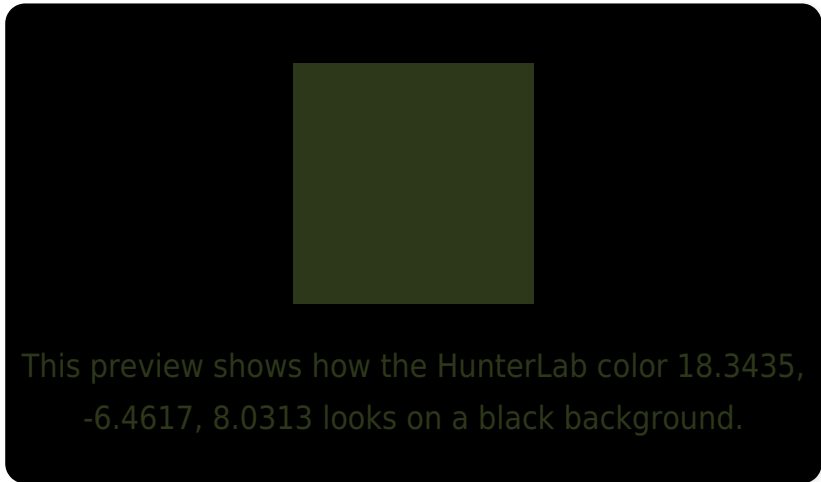
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3435, -6.4617, 8.0313 Background



This preview shows how black text looks on a background with the HunterLab color 18.3435, -6.4617, 8.0313.



This preview shows how white text looks on a background with the HunterLab color 18.3435, -6.4617, 8.0313.

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

18.3435, -6.4617, 8.0313

Protanopia

18.1871, -1.9257, 8.1748

Deuteranopia

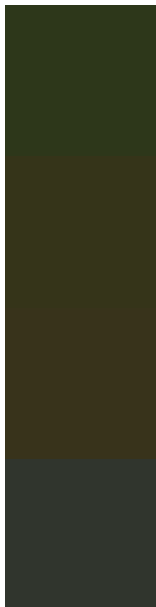
18.2681, 0.8405, 7.7058



Tritanopia

18.4241, -1.1577, -0.7074

Trichromacy



Original Color

18.3435, -6.4617, 8.0313

Protanomaly

18.1192, -3.4187, 8.0956

Deuteranomaly

18.1316, -2.0726, 7.7456

Tritanomaly

18.3413, -3.2350, 3.2199

Monochromacy



Original Color

18.3435, -6.4617, 8.0313

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.7655, -2.9264, 3.8946

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.3435, -6.4617, 8.0313 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(45, 55, 26)` looks like.

```
.text, #text, p{  
    color:rgb(45, 55, 26)  
}
```

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(45, 55, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 55, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 18.3435, -6.4617, 8.0313 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(45, 55, 26) }
```


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

```
.border{ border-color:rgb(45, 55, 26) }
```

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

Here you see how a box with a 4 pixel rgb(45, 55, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 55, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 55, 26);  
box-shadow:4px 4px 4px 4px rgb(45, 55, 26)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.3435, -6.4617, 8.0313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 55, 26) }
```

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

```
.background{ background-color: rgb(45, 55,  
26) }
```

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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