

Converting Colors

HunterLab(18.4124, 3.2963,
5.0532)

Have a look what the booklet for
HunterLab(18.4124, 3.2963, 5.0532)
contains.

HunterLab(18.5077, 3.1685, 5.0288)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.5077, 3.1685,
5.0288)**

Conversions

Conversions Part 1

Format	Color
Hex	423028
RGB	66, 48, 40
RGB Percent	26%, 19%, 16%
CMY	0.7412, 0.8118, 0.8431
CMYK	0.00, 0.27, 0.39, 0.74
HSL	18°, 25%, 21%
HSV	18°, 39%, 26%
XYZ	3.6867, 3.4253, 2.4743
YIQ	52.4700, 13.2960, 1.3280

Conversions

Conversions Part 2

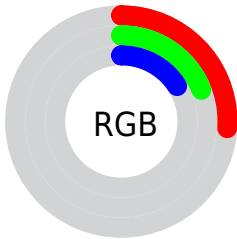
Format	Color
RYB	66, 52, 40
Decimal	4337704
CIELab	21.67, 6.87, 8.30
CIELCh	22, 10.777, 50.399
Yxy	3.4255, 0.3846, 0.3573
Android (android.graphics.Color)	4282527784 (0xFF423028)
YUV	52.4700, -6.1477, 11.8658
Hunter-Lab	18.5077, 3.1685, 5.0288

Details

The HunterLab color **18.5077, 3.1685, 5.0288** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.6734, -3.8389, -3.4780**, and the grayscale version is **18.7067, -0.9981, 1.0164**.

A 20% lighter version of the original color is **35.0801, 3.2962, 7.1483**, and **4.1300, 7.0728, 2.6687** is the 20% darker color. If you saturate the color by 10%, you get **17.4061, 4.4743, 5.8020**, and if you desaturate by 10%, it is **19.6660, 1.9402, 4.1710**.

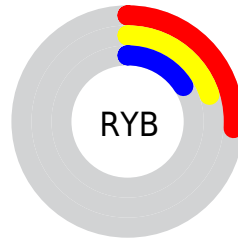
Distribution



Red (26%)

Green (19%)

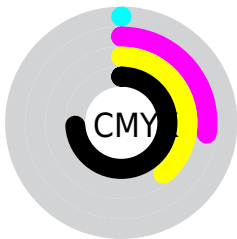
Blue (16%)



Red (26%)

Yellow (20%)

Blue (16%)

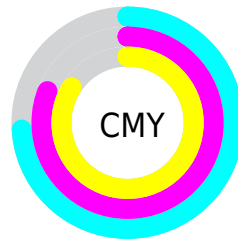


Cyan (0%)

Magenta (27%)

Yellow (39%)

Black (74%)



Cyan (74%)

Magenta (81%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5077, 3.1685, 5.0288 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 18.5077, 3.1685, 5.0288 by changing the saturation by 10% instead.

■ 18.5077, 3.1685,
5.0288

■ 18.5077, 3.1685,
5.0288

■ 115.4683, 1.2613,
14.4070

■ 11.6521, 2.9938,
3.9507

■ 35.0570, 3.1961,
7.1178

■ 4.3039, 6.7254,
3.0128

■ 44.5593, 3.0882,
8.1405

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.7924, 2.9141,
9.1629

0.0000, NaN, NaN

■ 65.7073, 2.6814,
10.1903

0.0000, NaN, NaN

■ 77.2639, 2.3956,
11.2264

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.4283, 2.0613,

12.2736

0.0000, NaN, NaN

102.1715, 1.6822,
13.3334

18.5077, 3.1685,
5.0288

18.5077, 3.1685,
5.0288

17.4061, 4.4743,
5.8020

19.6660, 1.9402,
4.1710

16.3664, 5.8598,
6.4748

20.8739, 0.7888,
3.2405

15.3964, 7.3193,
7.0305

22.1269, -0.2911,
2.2484

14.5040, 8.8404,
7.4512

23.4206, -1.3052,
1.2034

13.6953, 10.3915,
7.7506

24.7512, -2.2591,
0.1126

■ 12.9633, 11.8708,
8.1432

■ 26.1154, -3.1586,
-1.0182

■ 12.9214, 11.9570,
8.1714

■ 27.5105, -4.0090,
-2.1841

■ 28.9340, -4.8153,
-3.3812

■ 30.3837, -5.5820,
-4.6064

Harmonies

Analogous

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



18.5081, 5.2435, 2.9629



18.5077, 3.1685, 5.0288



18.5081, 0.0658, 5.9645

Triad

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



18.5081, 3.1678, 5.0291



18.5081, -6.7584, 1.9722



18.5081, 1.2415, -5.4789

Complementary

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



18.5077, 3.1685, 5.0288



19.6734, -3.8389, -3.4780

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.



18.5081, -2.0198, -5.8683



18.5077, 3.1685, 5.0288



18.5081, -6.4916, -1.1878

Square

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



18.5081, 3.1678, 5.0291



18.5081, -5.5636, 4.4117



18.5081, -4.8076, -4.1859



18.5081, 4.0792, -3.1988

Rectangle

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



18.5077, 3.1685, 5.0288



18.5081, -2.1036, 5.9545



18.5081, -4.8076, -4.1859



18.5081, 0.1535, -5.8489

Sweetspot

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



18.5081, 3.1678, 5.0291



28.6388, 0.0522, 3.3807



17.2725, 8.7790, -3.0356



14.5512, 0.0482, 1.7410



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



18.5081, 3.1678, 5.0291



22.9883, 5.8365, 7.6141



21.5119, -2.0664, 7.6863



11.7946, -0.2027, 1.1452



18.5888, 19.1207, 11.7891



44.9165, 52.5251, 28.5969

Inverse Universe

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



19.6734, -3.8389, -3.4780



24.8632, -5.5178, -6.1250



16.5426, 1.3120, -8.2568



11.9341, -1.0327, 0.1324



22.1017, -5.0416, -16.7419



53.8140, -10.2986, -45.0311

Previews

White Background



This preview shows how the HunterLab color 18.5077, 3.1685, 5.0288 looks on a white background.

Color Contrast Check

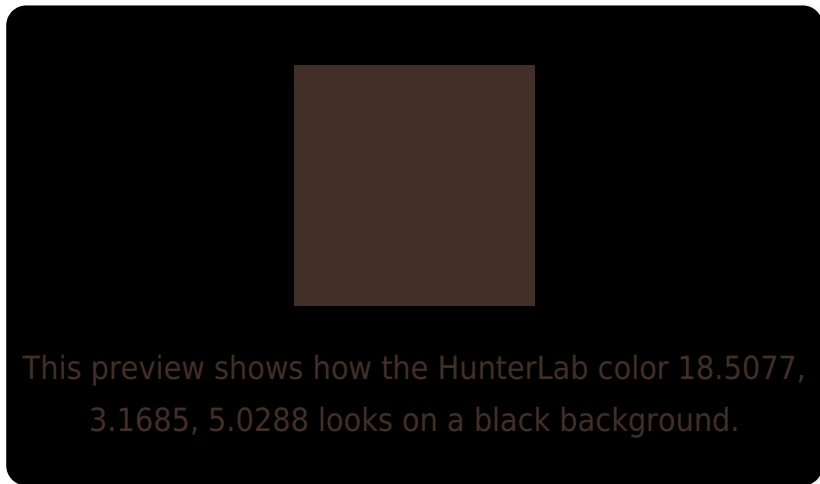
Large Text (above 18pt) WCAG AA ✓ Pass

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

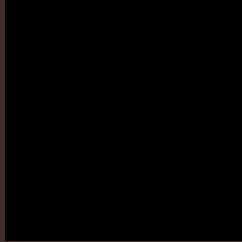
Any Text WCAG AA × Fail

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 18.5077, 3.1685, 5.0288 Background



This preview shows how black text looks on a background with the HunterLab color 18.5077, 3.1685, 5.0288.

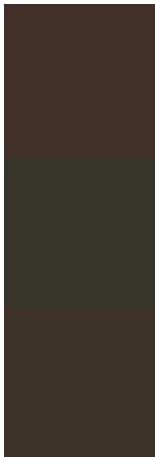


This preview shows how white text looks on a background with the HunterLab color 18.5077, 3.1685,

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

18.5077, 3.1685, 5.0288

Protanopia

18.5348, -1.4114, 4.3893

Deuteranopia

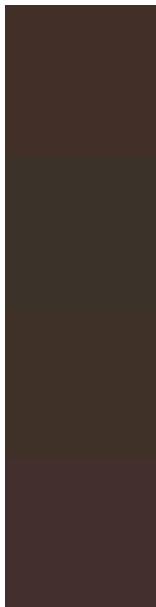
18.5108, 0.8559, 4.9913



Tritanopia

18.5920, 4.9746, 1.9202

Trichromacy



Original Color

18.5077, 3.1685, 5.0288

Protanomaly

18.5945, -0.0198, 4.7684

Deuteranomaly

18.4569, 1.8513, 4.9568

Tritanomaly

18.5029, 4.5143, 3.1979

Monochromacy



Original Color

18.5077, 3.1685, 5.0288

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.5766, 0.2059, 2.5256

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5077, 3.1685, 5.0288 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(66, 48, 40)` looks like.

```
.text, #text, p{  
    color:rgb(66, 48, 40)  
}
```

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(66, 48, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 48, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5077, 3.1685, 5.0288 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(66, 48, 40) }
```


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

```
.border{ border-color:rgb(66, 48, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 48, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 48, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 48, 40);  
box-shadow:4px 4px 4px 4px rgb(66, 48, 40)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.5077, 3.1685, 5.0288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 48, 40) }
```

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

```
.background{ background-color: rgb(66, 48,  
40) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor