

Converting Colors

HunterLab(18.0000, 1.2807,
7.6242)

Have a look what the booklet for
HunterLab(18.0000, 1.2807, 7.6242)
contains.

HunterLab(18.0272, 1.1744, 7.7185)	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(18.0272, 1.1744,
7.7185)**

Conversions

Conversions Part 1

Format	Color
Hex	3F301B
RGB	63, 48, 27
RGB Percent	25%, 19%, 11%
CMY	0.7529, 0.8118, 0.8941
CMYK	0.00, 0.24, 0.57, 0.75
HSL	35°, 40%, 18%
HSV	35°, 57%, 25%
XYZ	3.3047, 3.2498, 1.4900
YIQ	50.0910, 15.6810, -3.3510

Conversions

Conversions Part 2

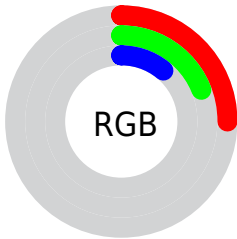
Format	Color
R_{YB}	53, 63, 27
Decimal	4141083
CIE Lab	21.02, 3.63, 15.99
CIE LCh	21, 16.393, 77.200
Yxy	3.2500, 0.4108, 0.4040
Android (android.graphics.Color)	4282331163 (0xFF3F301B)
YUV	50.0910, -11.3839, 11.3212
Hunter-Lab	18.0272, 1.1744, 7.7185

Details

The HunterLab color **18.0272, 1.1744, 7.7185** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14.9925, -0.3159, -9.3644**, and the grayscale version is **17.9235, -0.9564, 0.9738**.

A 20% lighter version of the original color is **34.5037, 0.7785, 11.0311**, and **3.5109, 4.4235, 2.2409** is the 20% darker color. If you saturate the color by 10%, you get **17.3651, 1.8398, 8.3596**, and if you desaturate by 10%, it is **18.7174, 0.5865, 6.9158**.

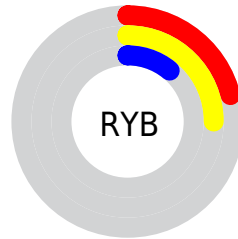
Distribution



Red (25%)

Green (19%)

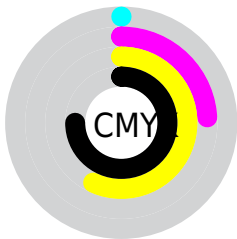
Blue (11%)



Red (21%)

Yellow (25%)

Blue (11%)

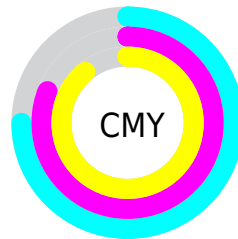


Cyan (0%)

Magenta (24%)

Yellow (57%)

Black (75%)



Cyan (75%)

Magenta (81%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.0272, 1.1744, 7.7185 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 18.0272, 1.1744, 7.7185 by changing the saturation by 10% instead.

■ 18.0272, 1.1744,
7.7185

■ 18.0272, 1.1744,
7.7185

■ 114.5810, -2.2253,
21.2819

■ 11.2409, 1.2402,
6.7582

■ 34.4616, 0.7900,
11.0597

■ 3.3576, 4.5343,
2.3504

■ 43.9141, 0.5002,
12.6039

0.0000, NaN, NaN

■ 54.1009, 0.1561,
14.1009

0.0000, NaN, NaN

■ 64.9725, -0.2369,
15.5663

0.0000, NaN, NaN

■ 76.4881, -0.6746,
17.0106

0.0000, NaN, NaN

■ 88.6136, -1.1537,

0.0000, NaN, NaN

18.4412

0.0000, NaN, NaN

101.3197, -1.6713,
19.8636

18.0272, 1.1744,
7.7185

18.0272, 1.1744,
7.7185

17.3651, 1.8398,
8.3596

18.7174, 0.5865,
6.9158

16.7313, 2.5853,
8.8317

19.4331, 0.0766,
5.9592

16.1268, 3.4053,
9.1416

20.1732, -0.3586,
4.8577

15.5414, 4.2391,
9.4535

20.9365, -0.7223,
3.6207

15.3771, 4.4761,
9.5537

21.7216, -1.0180,
2.2574

■ 22.5273, -1.2494,
0.7766

■ 23.3524, -1.4201,
-0.8134

■ 24.1960, -1.5339,
-2.5045

■ 25.0569, -1.5942,
-4.2895

Harmonies

Analogous

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



18.0276, 5.8998, 6.3990



18.0272, 1.1744, 7.7185



18.0276, -3.6666, 7.6179

Triad

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



18.0276, 1.1736, 7.7187



18.0276, -9.1134, -1.8770



18.0276, 6.4885, -6.2370

Complementary

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



18.0272, 1.1744, 7.7185



14.9925, -0.3159, -9.3644

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.



18.0276, 1.9103, -9.8593



18.0272, 1.1744, 7.7185



18.0276, -6.9313, -6.9165

Square

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



18.0276, 1.1736, 7.7187



18.0276, -9.2654, 2.8572



18.0276, -3.0043, -10.1367



18.0276, 9.1817, -1.1208

Rectangle

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



18.0272, 1.1744, 7.7185



18.0276, -6.3157, 6.7626



18.0276, -3.0043, -10.1367



18.0276, 5.0980, -7.7229

Sweetspot

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



18.0276, 1.1736, 7.7187



27.0817, -0.9109, 4.7938



14.1698, 11.2280, -0.2378



13.8683, -0.4570, 2.4987



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



18.0276, 1.1736, 7.7187



22.1087, 2.8406, 11.1614



21.4355, -5.5450, 10.2432



11.2318, -0.5116, 1.2639



22.6596, 7.7699, 14.0988



55.9625, 23.2218, 34.8904

Inverse Universe

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



14.9925, -0.3159, -9.3644



17.2906, 0.7542, -16.4324



11.9114, 6.4978, -15.9542



10.9862, -0.6493, -0.0895



15.1189, 6.2670, -32.4260



36.0478, 21.2398, -90.9072

Previews

White Background



This preview shows how the HunterLab color 18.0272, 1.1744, 7.7185 looks on a white background.

Color Contrast Check

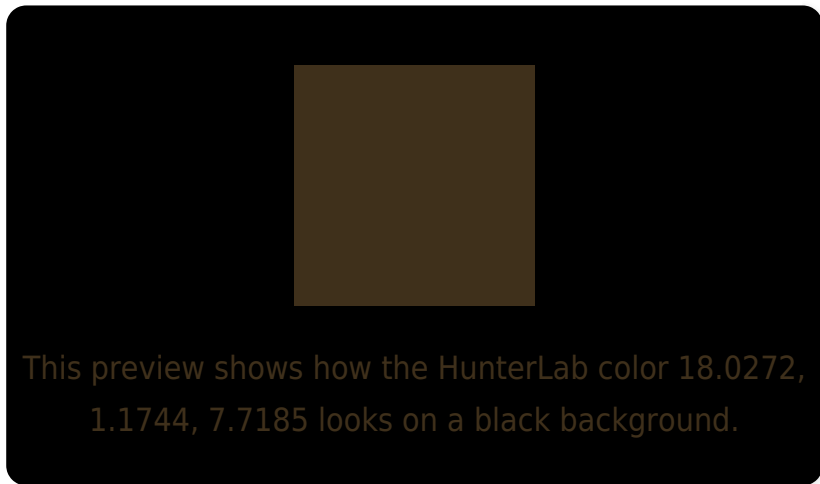
Large Text (above 18pt) WCAG AA ✓ Pass

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

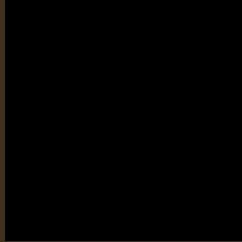
Any Text WCAG AA × Fail

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 18.0272, 1.1744, 7.7185 Background



This preview shows how black text looks on a background with the HunterLab color 18.0272, 1.1744, 7.7185.

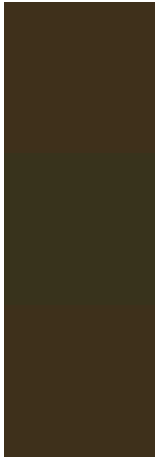


This preview shows how white text looks on a background with the HunterLab color 18.0272, 1.1744,

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

18.0272, 1.1744, 7.7185

Protanopia

18.1445, -2.0008, 7.5557

Deuteranopia

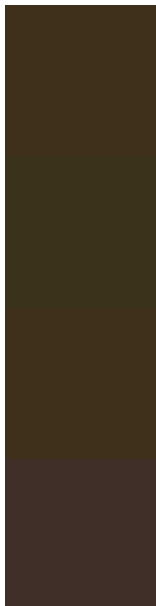
17.9365, 0.8688, 7.6400



Tritanopia

17.9509, 5.1069, 1.5533

Trichromacy



Original Color

18.0272, 1.1744, 7.7185

Protanomaly

18.1517, -0.7514, 7.5834

Deuteranomaly

17.9365, 0.8688, 7.6400

Tritanomaly

17.8999, 3.4936, 4.1424

Monochromacy



Original Color

18.0272, 1.1744, 7.7185

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

17.8214, -0.2200, 3.6901

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.0272, 1.1744, 7.7185 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(63, 48, 27)` looks like.

```
.text, #text, p{  
    color:rgb(63, 48, 27)  
}
```

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(63, 48, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 48, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 18.0272, 1.1744, 7.7185 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(63, 48, 27) }
```


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

```
.border{ border-color:rgb(63, 48, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 48, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 48, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 48, 27);  
box-shadow:4px 4px 4px 4px rgb(63, 48, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.0272, 1.1744, 7.7185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 48, 27) }
```

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

```
.background{ background-color: rgb(63, 48,  
27) }
```

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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