

Converting Colors

HunterLab(18.0750, 5.2519,
5.3214)

Have a look what the booklet for
HunterLab(18.0750, 5.2519, 5.3214)
contains.

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Color

**HunterLab(18.1161, 5.1720,
5.2522)**

Conversions

Conversions Part 1

Format	Color
Hex	452D26
RGB	69, 45, 38
RGB Percent	27%, 18%, 15%
CMY	0.7294, 0.8235, 0.8510
CMYK	0.00, 0.35, 0.45, 0.73
HSL	14°, 29%, 21%
HSV	14°, 45%, 27%
XYZ	3.7425, 3.2819, 2.2700
YIQ	51.3780, 16.5510, 2.9110

Conversions

Conversions Part 2

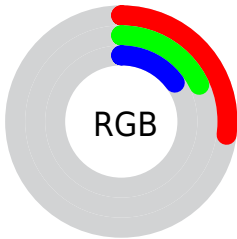
Format	Color
R_{YB}	69, 47, 38
Decimal	4533542
CIE Lab	21.14, 10.02, 8.99
CIE LCh	21, 13.460, 41.902
Yxy	3.2821, 0.4027, 0.3531
Android (android.graphics.Color)	4282723622 (0xFF452D26)
YUV	51.3780, -6.5954, 15.4545
Hunter-Lab	18.1161, 5.1720, 5.2522

Details

The HunterLab color **18.1161, 5.1720, 5.2522** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.7047, -5.2306, -3.4562**, and the grayscale version is **18.3396, -0.9786, 0.9964**.

A 20% lighter version of the original color is **34.5807, 5.4192, 7.3722**, and **4.5461, 7.7854, 2.9376** is the 20% darker color. If you saturate the color by 10%, you get **16.9100, 6.8285, 5.9698**, and if you desaturate by 10%, it is **19.4026, 3.5929, 4.4630**.

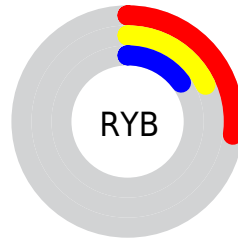
Distribution



Red (27%)

Green (18%)

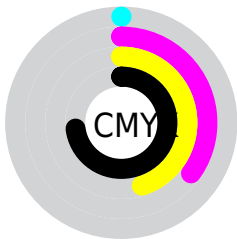
Blue (15%)



Red (27%)

Yellow (18%)

Blue (15%)

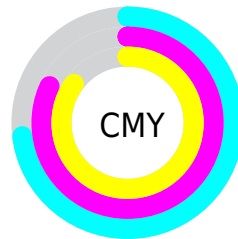


Cyan (0%)

Magenta (35%)

Yellow (45%)

Black (73%)



Cyan (73%)

Magenta (82%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1161, 5.1720, 5.2522 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 18.1161, 5.1720, 5.2522 by changing the saturation by 10% instead.

■ 18.1161, 5.1720,
5.2522

■ 18.1161, 5.1720,
5.2522

■ 114.7456, 4.7437,
14.9904

■ 11.3169, 4.7626,
4.1793

■ 34.5719, 5.6057,
7.4507

■ 3.5525, 12.0981,
2.4867

■ 44.0336, 5.6779,
8.5183

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.2291, 5.6725,
9.5813

0.0000, NaN, NaN

■ 65.1087, 5.5988,
10.6462

0.0000, NaN, NaN

■ 76.6320, 5.4639,
11.7171

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.7647, 5.2735,

12.7968

0.0000, NaN, NaN

101.4777, 5.0322,
13.8875

18.1161, 5.1720,
5.2522

18.1161, 5.1720,
5.2522

16.9100, 6.8285,
5.9698

19.4026, 3.5929,
4.4630

15.7936, 8.5549,
6.5964

20.7588, 2.0962,
3.6162

14.7792, 10.3286,
7.1104

22.1771, 0.6785,
2.7238

13.8793, 12.1126,
7.4884

23.6505, -0.6651,
1.7946

13.0962, 13.8080,
7.8564

25.1733, -1.9408,
0.8353

■ 12.7421, 14.5925,
8.1071

■ 26.7405, -3.1554,
-0.1491

■ 28.3478, -4.3152,
-1.1548

■ 29.9917, -5.4265,
-2.1788

■ 31.6691, -6.4947,
-3.2191

Harmonies

Analogous

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



18.1165, 7.2596, 2.4422



18.1161, 5.1720, 5.2522



18.1165, 1.5041, 6.6889

Triad

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



18.1165, 5.1712, 5.2525



18.1165, -7.7635, 3.1307



18.1165, 0.6592, -7.8162

Complementary

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



18.1161, 5.1720, 5.2522



20.7047, -5.2306, -3.4562

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.



18.1165, -3.3135, -7.5178



18.1161, 5.1720, 5.2522



18.1165, -7.9466, -0.6018

Square

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



18.1165, 5.1712, 5.2525



18.1165, -5.8600, 5.6612



18.1165, -6.3843, -4.6631



18.1165, 4.5063, -5.4064

Rectangle

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



18.1161, 5.1720, 5.2522



18.1165, -1.2243, 6.9169



18.1165, -6.3843, -4.6631



18.1165, -0.7095, -8.0416

Sweetspot

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



18.1165, 5.1712, 5.2525



29.0825, 0.6301, 3.3720



17.3274, 11.1376, -4.8622



15.0139, 0.4420, 1.8308



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



18.1165, 5.1712, 5.2525



21.7885, 9.1435, 7.8638



21.5862, -1.1323, 8.2447



12.4855, -0.0944, 1.1586



18.0823, 22.5576, 11.5371



43.2587, 59.8805, 27.7041

Inverse Universe

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



20.7047, -5.2306, -3.4562



25.8820, -7.4947, -5.9598



16.9042, 0.8439, -9.3164



12.7692, -1.2171, 0.2083



24.9311, -8.3550, -13.1255



60.3928, -19.0187, -34.4298

Previews

White Background



This preview shows how the HunterLab color 18.1161, 5.1720, 5.2522 looks on a white background.

Color Contrast Check

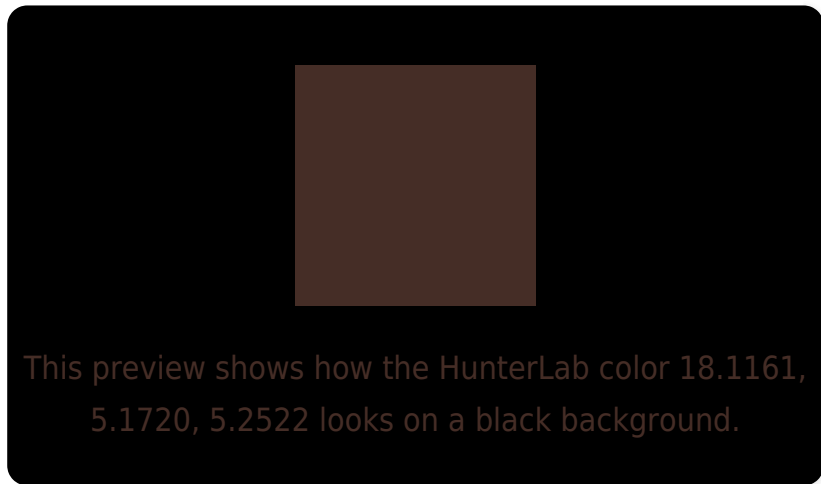
Large Text (above 18pt) WCAG AA ✓ Pass

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

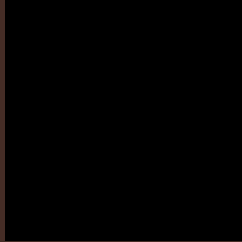
Any Text WCAG AA × Fail

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 18.1161, 5.1720, 5.2522 Background



This preview shows how black text looks on a background with the HunterLab color 18.1161, 5.1720, 5.2522.

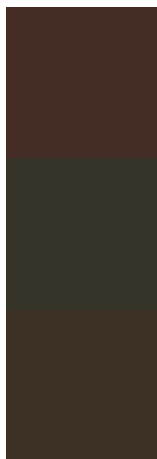


This preview shows how white text looks on a background with the HunterLab color 18.1161, 5.1720,

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

18.1161, 5.1720, 5.2522

Protanopia

18.1990, -1.3897, 4.3553

Deuteranopia

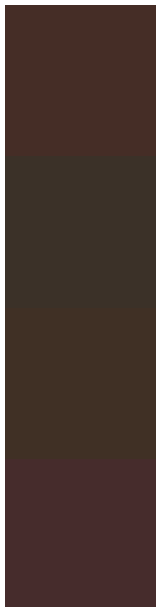
18.2272, 0.9750, 5.5552



Tritanopia

18.1898, 6.8275, 2.5621

Trichromacy



Original Color

18.1161, 5.1720, 5.2522

Protanomaly

18.1098, 0.6862, 4.5988

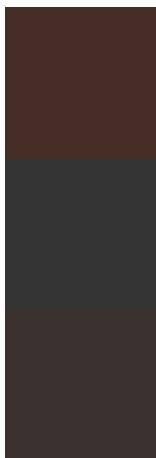
Deuteranomaly

18.2687, 2.2786, 5.6166

Tritanomaly

18.1254, 6.5017, 3.4880

Monochromacy



Original Color

18.1161, 5.1720, 5.2522

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.1478, 1.0577, 2.7565

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1161, 5.1720, 5.2522 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(69, 45, 38)` looks like.

```
.text, #text, p{  
    color:rgb(69, 45, 38)  
}
```

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(69, 45, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 45, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1161, 5.1720, 5.2522 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(69, 45, 38) }
```


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

```
.border{ border-color:rgb(69, 45, 38) }
```

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

Here you see how a box with a 4 pixel rgb(69, 45, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 45, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 45, 38);  
box-shadow:4px 4px 4px 4px rgb(69, 45, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1161, 5.1720, 5.2522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 45, 38) }
```

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

```
.background{ background-color: rgb(69, 45,  
38) }
```

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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