

Converting Colors

HunterLab(18.7494, 0.4715,
1.5131)

Have a look what the booklet for
HunterLab(18.7494, 0.4715, 1.5131)
contains.

HunterLab(18.6454, 0.5778, 1.5401)	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(18.6454, 0.5778,
1.5401)**

Conversions

Conversions Part 1

Format	Color
Hex	393333
RGB	57, 51, 51
RGB Percent	22%, 20%, 20%
CMY	0.7765, 0.8000, 0.8000
CMYK	0.00, 0.11, 0.11, 0.78
HSL	0°, 6%, 21%
HSV	0°, 11%, 22%
XYZ	3.4687, 3.4765, 3.6202
YIQ	52.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

Format	Color
R_{YB}	57, 51, 51
Decimal	3748659
CIE Lab	21.86, 2.66, 0.96
CIE LCh	22, 2.831, 19.911
Yxy	3.4767, 0.3283, 0.3291
Android (android.graphics.Color)	4281938739 (0xFF393333)
YUV	52.7940, -0.8844, 3.6887
Hunter-Lab	18.6454, 0.5778, 1.5401

Details

The HunterLab color **18.6454, 0.5778, 1.5401** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.8126, -2.5367, 0.5801**, and the grayscale version is **18.8011, -1.0032, 1.0215**.

A 20% lighter version of the original color is **35.1504, 0.1424, 2.5861**, and **4.6137, 2.0923, 1.0344** is the 20% darker color. If you saturate the color by 10%, you get **17.2093, 2.2121, 1.9849**, and if you desaturate by 10%, it is **20.1470, -0.9980, 1.1205**.

Distribution



Red (22%)

Green (20%)

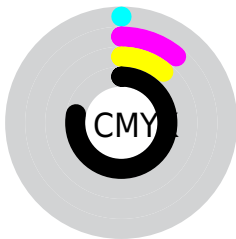
Blue (20%)



Red (22%)

Yellow (20%)

Blue (20%)



Cyan (0%)

Magenta (11%)

Yellow (11%)

Black (78%)



Cyan (78%)

Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6454, 0.5778, 1.5401 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 18.6454, 0.5778, 1.5401 by changing the saturation by 10% instead.

■ 18.6454, 0.5778,
1.5401

■ 18.6454, 0.5778,
1.5401

■ 115.7216, -3.3227,
7.2748

■ 11.7701, 0.7287,
1.0890

■ 35.2273, 0.0524,
2.5704

■ 4.5376, 2.3135,
1.1276

■ 44.7437, -0.2987,
3.1436

0.0000, NaN, NaN

■ 54.9899, -0.6998,
3.7526

0.0000, NaN, NaN

■ 65.9172, -1.1462,
4.3953

0.0000, NaN, NaN

■ 77.4854, -1.6344,
5.0703

0.0000, NaN, NaN

■ 89.6608, -2.1614,

0.0000, NaN, NaN

102.4146, -2.7248,
6.5112

■ 18.6454, 0.5778,
1.5401

■ 18.6454, 0.5778,
1.5401

■ 17.2093, 2.2121,
1.9849

■ 20.1470, -0.9980,
1.1205

■ 15.8472, 3.9083,
2.4554

■ 21.7047, -2.5185,
0.7229

■ 14.5718, 5.6618,
2.9512

■ 23.3122, -3.9904,
0.3452

■ 13.3976, 7.4577,
3.4685

■ 24.9642, -5.4198,
-0.0150

■ 12.3415, 9.2636,
3.9976

■ 26.6562, -6.8126,
-0.3601

■ 11.4222, 11.0231,
4.5209

■ 28.3844, -8.1742,
-0.6922

■ 10.6588, 12.6511,
5.0113

■ 30.1456, -9.5093,
-1.0130

■ 9.9957, 14.2169,
5.4884

■ 31.9373, -10.8219,
-1.3241

■ 9.3279, 15.9680,
6.0273

■ 33.7571, -12.1158,
-1.6269

Harmonies

Analogous

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



18.6458, 0.6527, 0.7385



18.6454, 0.5778, 1.5401



18.6458, 0.0761, 2.1737

Triad

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



18.6458, 0.5773, 1.5404



18.6458, -2.2387, 1.9955



18.6458, -1.2834, -0.5936

Complementary

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



18.6454, 0.5778, 1.5401



19.8126, -2.5367, 0.5801

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.



18.6458, -2.0442, -0.2233



18.6454, 0.5778, 1.5401



18.6458, -2.5891, 1.2872

Square

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



18.6458, 0.5773, 1.5404



18.6458, -1.5532, 2.4281



18.6458, -2.5186, 0.4737



18.6458, -0.4320, -0.5183

Rectangle

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



18.6454, 0.5778, 1.5401



18.6458, -0.4271, 2.4266



18.6458, -2.5186, 0.4737



18.6458, -1.5580, -0.5165

Sweetspot

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



18.6458, 0.5773, 1.5404



25.5311, -0.7646, 1.5877



18.7962, 1.3869, -0.6039



13.6178, -0.3548, 0.8646



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.



18.6458, 0.5773, 1.5404



23.5222, 1.3910, 2.1655



19.3578, -0.6426, 2.3241



10.1224, 0.1188, 0.7710



15.0512, 25.7694, 9.7256



38.8684, 66.5575, 25.1157

Inverse Universe

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



19.8126, -2.5367, 0.5801



25.4670, -3.8028, 0.5638



19.0725, -1.3411, -0.3046



10.6148, -1.1947, 0.3659



28.9586, -15.3492, -3.0613



74.7857, -39.6386, -7.9073

Previews

White Background



This preview shows how the HunterLab color 18.6454, 0.5778, 1.5401 looks on a white background.

Color Contrast Check

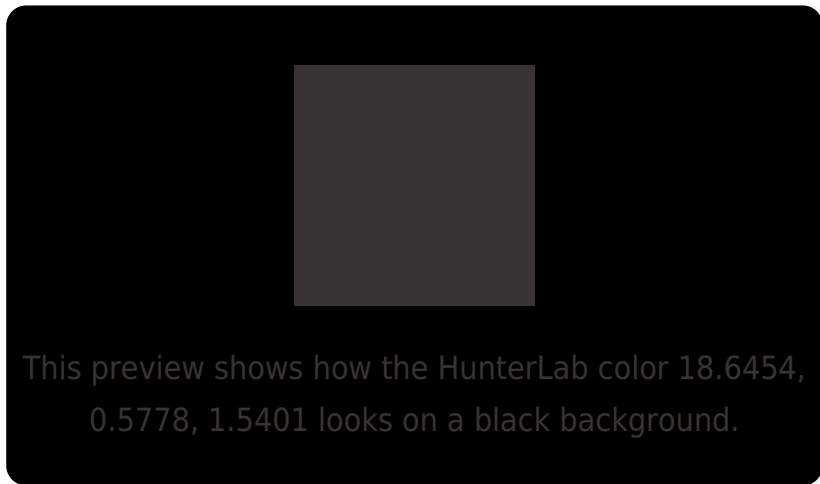
Large Text (above 18pt) WCAG AA ✓ Pass

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

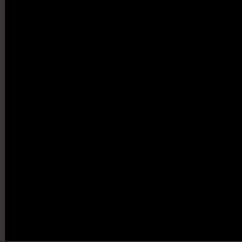
Any Text WCAG AA × Fail

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 18.6454, 0.5778, 1.5401 Background



This preview shows how black text looks on a background with the HunterLab color 18.6454, 0.5778, 1.5401.

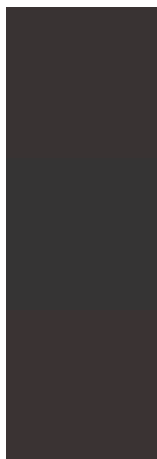


This preview shows how white text looks on a background with the HunterLab color 18.6454, 0.5778,

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

18.6454, 0.5778, 1.5401

Protanopia

18.6032, -0.7380, 1.0961

Deuteranopia

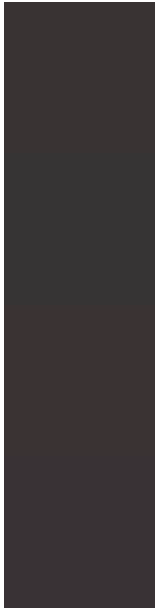
18.7249, 0.8468, 1.6360



Tritanopia

18.4862, 1.3847, 0.2220

Trichromacy



Original Color

18.6454, 0.5778, 1.5401

Protanomaly

18.6767, -0.4840, 1.1865

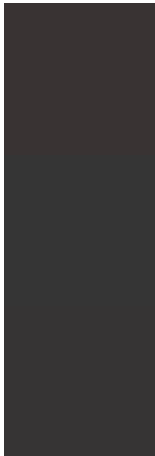
Deuteranomaly

18.7249, 0.8468, 1.6360

Tritanomaly

18.4610, 1.2499, 0.5802

Monochromacy



Original Color

18.6454, 0.5778, 1.5401

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.6767, -0.4840, 1.1865

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6454, 0.5778, 1.5401 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(57, 51, 51)` looks like.

```
.text, #text, p{  
    color:rgb(57, 51, 51)  
}
```

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(57, 51, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 51, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6454, 0.5778, 1.5401 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(57, 51, 51) }
```


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

```
.border{ border-color:rgb(57, 51, 51) }
```

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

Here you see how a box with a 4 pixel rgb(57, 51, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 51, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 51, 51);  
box-shadow:4px 4px 4px 4px rgb(57, 51, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.6454, 0.5778, 1.5401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 51, 51) }
```

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

```
.background{ background-color: rgb(57, 51,  
51) }
```

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