

Converting Colors

HunterLab(18.7502, -2.4185,
4.1002)

Have a look what the booklet for
HunterLab(18.7502, -2.4185, 4.1002)
contains.

HunterLab(18.6680, -2.1101, 3.8981)	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(18.6680, -2.1101,
3.8981)**

Conversions

Conversions Part 1

Format	Color
Hex	35352C
RGB	53, 53, 44
RGB Percent	21%, 21%, 17%
CMY	0.7922, 0.7922, 0.8274
CMYK	0.00, 0.00, 0.17, 0.79
HSL	60°, 9%, 19%
HSV	60°, 17%, 21%
XYZ	3.1959, 3.4849, 2.8871
YIQ	51.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

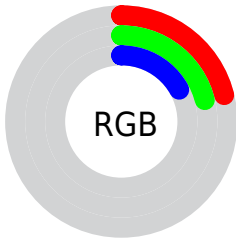
Format	Color
R_{YB}	44, 53, 44
Decimal	3487020
CIE Lab	21.89, -1.94, 5.69
CIE LCh	22, 6.009, 108.802
Yxy	3.4851, 0.3340, 0.3642
Android (android.graphics.Color)	4281677100 (0xFF35352C)
YUV	51.9740, -3.9312, 0.8998
Hunter-Lab	18.6680, -2.1101, 3.8981

Details

The HunterLab color **18.6680, -2.1101, 3.8981** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.1058, 0.4324, -2.4679**, and the grayscale version is **18.5347, -0.9890, 1.0070**.

A 20% lighter version of the original color is **35.1486, -3.0038, 5.6632**, and **4.6085, -1.7926, 2.8084** is the 20% darker color. If you saturate the color by 10%, you get **18.5681, -2.6678, 5.3486**, and if you desaturate by 10%, it is **18.7818, -1.4847, 2.2691**.

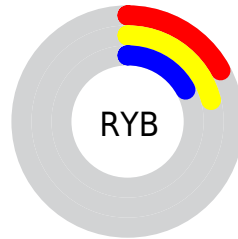
Distribution



Red (21%)

Green (21%)

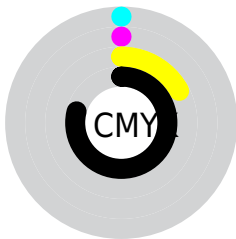
Blue (17%)



Red (17%)

Yellow (21%)

Blue (17%)

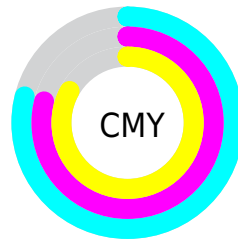


Cyan (0%)

Magenta (0%)

Yellow (17%)

Black (79%)



Cyan (79%)

Magenta (79%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.6680, -2.1101, 3.8981 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 18.6680, -2.1101, 3.8981 by changing the saturation by 10% instead.

■ 18.6680, -2.1101,
3.8981

■ 18.6680, -2.1101,
3.8981

■ 115.7631, -8.2459,
11.9375

■ 11.7895, -1.5809,
3.0359

■ 35.2552, -3.2650,
5.5930

■ 4.5747, -2.0892,
3.2023

■ 44.7740, -3.8898,
6.4500

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.0224, -4.5451,
7.3205

0.0000, NaN, NaN

■ 65.9516, -5.2299,
8.2072

0.0000, NaN, NaN

■ 77.5217, -5.9434,
9.1116

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.6990, -6.6844,

10.0344

0.0000, NaN, NaN

102.4545, -7.4522,
10.9763

18.6680, -2.1101,
3.8981

18.6680, -2.1101,
3.8981

18.5681, -2.6678,
5.3486

18.7818, -1.4847,
2.2691

18.4804, -3.1568,
6.6212

18.9085, -0.7899,
0.4606

18.4052, -3.5788,
7.7192

19.0486, -0.0267,
-1.5262

18.3418, -3.9353,
8.6468

19.2024, 0.8042,
-3.6894

18.2899, -4.2286,
9.4098

19.3698, 1.7016,
-6.0259

■ 18.2487, -4.4615,
10.0157

■ 19.5510, 2.6640,
-8.5318

■ 18.2160, -4.6472,
10.4984

■ 19.7459, 3.6896,
-11.2026

■ 18.1840, -4.8288,
10.9706

■ 19.9544, 4.7764,
-14.0329

■ 18.1744, -4.8837,
11.1135

■ 20.1765, 5.9221,
-17.0169

Harmonies

Analogous

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



18.6684, -0.3133, 3.9932



18.6680, -2.1101, 3.8981



18.6684, -3.5556, 3.0768

Triad

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



18.6684, -2.1106, 3.8984



18.6684, -3.2446, -1.6635



18.6684, 2.5578, 0.3587

Complementary

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



18.6680, -2.1101, 3.8981



16.1058, 0.4324, -2.4679

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.



18.6684, 1.7071, -1.3099



18.6680, -2.1101, 3.8981



18.6684, -1.6712, -2.5496

Square

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



18.6684, -2.1106, 3.8984



18.6684, -4.1928, -0.0878



18.6684, 0.1431, -2.4143



18.6684, 2.4292, 2.0566

Rectangle

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



18.6680, -2.1101, 3.8981



18.6684, -4.1462, 2.1792



18.6684, 0.1431, -2.4143



18.6684, 2.3756, -0.2269

Sweetspot

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



18.6684, -2.1106, 3.8984



24.2568, -1.7667, 2.5403



16.5535, 1.4790, 1.6911



13.1389, -0.9662, 1.3999



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.



18.6684, -2.1106, 3.8984



24.0293, -3.0231, 5.8107



18.3544, -3.2315, 3.5557



9.9578, -0.8287, 1.3106



30.5320, -8.2048, 18.6701



80.1284, -21.5335, 48.9978

Inverse Universe

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



16.1058, 0.4324, -2.4679



19.9558, 1.0314, -4.3406



16.4289, 1.5196, -2.0059



9.2992, -0.1778, -0.3188



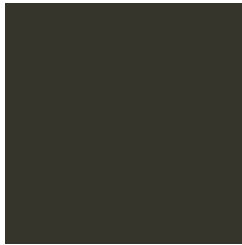
8.5180, 23.1040, -60.5163



22.3539, 60.6340, -158.8267

Previews

White Background



This preview shows how the HunterLab color 18.6680, -2.1101, 3.8981 looks on a white background.

Color Contrast Check

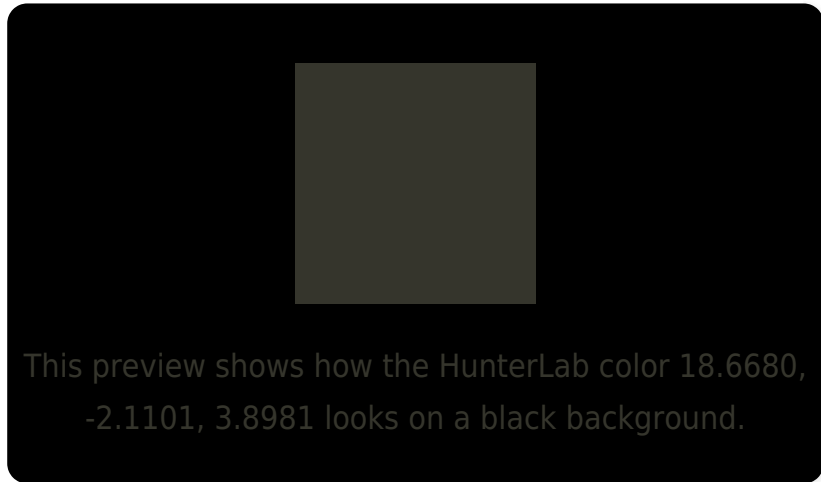
Large Text (above 18pt) WCAG AA ✓ Pass

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

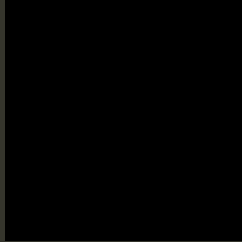
Any Text WCAG AA × Fail

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 18.6680, -2.1101, 3.8981 Background



This preview shows how black text looks on a background with the HunterLab color 18.6680, -2.1101, 3.8981.



This preview shows how white text looks on a background with the HunterLab color 18.6680, -2.1101, 3.8981.

3.8981.

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

18.6680, -2.1101, 3.8981

Protanopia

18.5743, -1.1940, 3.8183

Deuteranopia

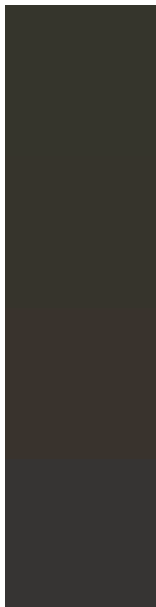
18.5238, 1.0956, 3.4872



Tritanopia

18.5895, 0.5858, -0.0629

Trichromacy



Original Color

18.6680, -2.1101, 3.8981

Protanomaly

18.4989, -1.4577, 3.7362

Deuteranomaly

18.5121, -0.1442, 3.4533

Tritanomaly

18.6528, -0.6143, 1.5277

Monochromacy



Original Color

18.6680, -2.1101, 3.8981

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.4602, -1.3773, 2.0185

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.6680, -2.1101, 3.8981 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(53, 53, 44)` looks like.

```
.text, #text, p{  
    color:rgb(53, 53, 44)  
}
```

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(53, 53, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 53, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 18.6680, -2.1101, 3.8981 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(53, 53, 44) }
```


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

```
.border{ border-color:rgb(53, 53, 44) }
```

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

Here you see how a box with a 4 pixel rgb(53, 53, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 53, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 53, 44);  
box-shadow:4px 4px 4px 4px rgb(53, 53, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.6680, -2.1101, 3.8981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 53, 44) }
```

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

```
.background{ background-color: rgb(53, 53,  
44) }
```

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