

Converting Colors

HunterLab(21.4927, -0.3065,
5.4330)

Have a look what the booklet for
HunterLab(21.4927, -0.3065, 5.4330)
contains.

HunterLab(21.6196, -0.4059, 5.6461)	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(21.6196, -0.4059,
5.6461)**

Conversions

Conversions Part 1

Format	Color
Hex	443C30
RGB	68, 60, 48
RGB Percent	27%, 24%, 19%
CMY	0.7333, 0.7647, 0.8118
CMYK	0.00, 0.12, 0.29, 0.73
HSL	36°, 17%, 23%
HSV	36°, 29%, 27%
XYZ	4.5333, 4.6741, 3.4596
YIQ	61.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

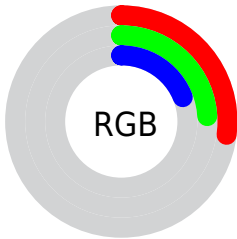
Format	Color
R_{YB}	61, 68, 48
Decimal	4471856
CIE Lab	25.79, 1.22, 8.70
CIE LCh	26, 8.783, 82.040
Yxy	4.6743, 0.3579, 0.3690
Android (android.graphics.Color)	4282661936 (0xFF443C30)
YUV	61.0240, -6.4208, 6.1180
Hunter-Lab	21.6196, -0.4059, 5.6461

Details

The HunterLab color **21.6196, -0.4059, 5.6461** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.6824, -1.1024, -4.3651**, and the grayscale version is **21.6302, -1.1541, 1.1752**.

A 20% lighter version of the original color is **38.7770, -1.2023, 7.6815**, and **8.0760, 0.0635, 4.9775** is the 20% darker color. If you saturate the color by 10%, you get **20.8440, 0.0450, 6.8252**, and if you desaturate by 10%, it is **22.4212, -0.7778, 4.3104**.

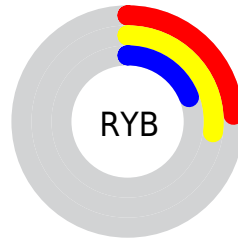
Distribution



Red (27%)

Green (24%)

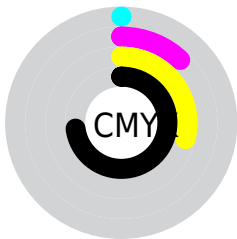
Blue (19%)



Red (24%)

Yellow (27%)

Blue (19%)

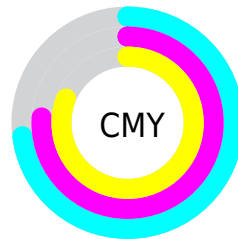


Cyan (0%)

Magenta (12%)

Yellow (29%)

Black (73%)



Cyan (73%)

Magenta (76%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.6196, -0.4059, 5.6461 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 21.6196, -0.4059, 5.6461 by changing the saturation by 10% instead.

■ 21.6196, -0.4059,
5.6461

■ 21.6196, -0.4059,
5.6461

■ 121.0923, -5.1451,
15.2299

■ 14.3438, -0.1122,
4.5271

■ 38.8729, -1.1685,
7.7749

■ 8.0033, 0.2348,
4.9407

■ 48.6824, -1.6223,
8.8212

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.2012, -2.1188,
9.8677

0.0000, NaN, NaN

■ 70.3845, -2.6546,
10.9194

0.0000, NaN, NaN

■ 82.1948, -3.2271,
11.9795

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.6005, -3.8342,

13.0504

0.0000, NaN, NaN

107.5743, -4.4741,
14.1334

■ 21.6196, -0.4059,
5.6461

■ 21.6196, -0.4059,
5.6461

■ 20.8440, 0.0450,
6.8252

■ 22.4212, -0.7778,
4.3104

■ 20.0943, 0.5803,
7.8369

■ 23.2461, -1.0723,
2.8274

■ 19.3725, 1.2018,
8.6721

■ 24.0933, -1.2940,
1.2072

■ 18.6799, 1.9108,
9.3227

■ 24.9618, -1.4469,
-0.5407

■ 18.0178, 2.7074,
9.7827

■ 25.8503, -1.5351,
-2.4074

■ 17.3860, 3.5820,
10.0708

■ 26.7577, -1.5624,
-4.3843

■ 16.7731, 4.4662,
10.3730

■ 27.6832, -1.5328,
-6.4638

■ 16.7375, 4.5181,
10.3926

■ 28.6257, -1.4497,
-8.6387

■ 29.5843, -1.3166,
-10.9024

Harmonies

Analogous

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



21.6201, 2.2460, 4.8270



21.6196, -0.4059, 5.6461



21.6201, -3.1317, 5.3938

Triad

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



21.6201, -0.4066, 5.6464



21.6201, -5.9072, -0.8276



21.6201, 3.2407, -2.2044

Complementary

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



21.6196, -0.4059, 5.6461



19.6824, -1.1024, -4.3651

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.



21.6201, 0.8959, -4.1095



21.6196, -0.4059, 5.6461



21.6201, -4.3574, -3.2470

Square

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



21.6201, -0.4066, 5.6464



21.6201, -6.2165, 1.8719



21.6201, -1.8929, -4.5134



21.6201, 4.4203, 0.4579

Rectangle

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



21.6196, -0.4059, 5.6461



21.6201, -4.6320, 4.6350



21.6201, -1.8929, -4.5134



21.6201, 2.5572, -2.9678

Sweetspot

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



21.6201, -0.4066, 5.6464



30.6516, -1.4147, 3.7218



19.0485, 5.5982, 0.1900



15.9062, -0.7223, 2.0198



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.



21.6201, -0.4066, 5.6464



27.7772, -0.1261, 8.5661



23.4647, -4.1880, 7.3197



12.0096, -0.5643, 1.3808



23.6156, 7.3472, 14.6805



57.5710, 21.6625, 35.8542

Inverse Universe

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



19.6824, -1.1024, -4.3651



24.6356, -1.2239, -7.7197



17.9149, 2.6830, -7.0133



11.7157, -0.6740, -0.1301



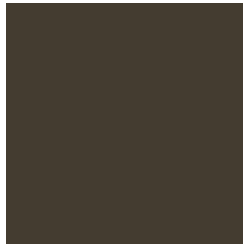
15.1525, 7.2970, -34.6915



35.5981, 23.6648, -95.5800

Previews

White Background



This preview shows how the HunterLab color 21.6196, -0.4059, 5.6461 looks on a white background.

Color Contrast Check

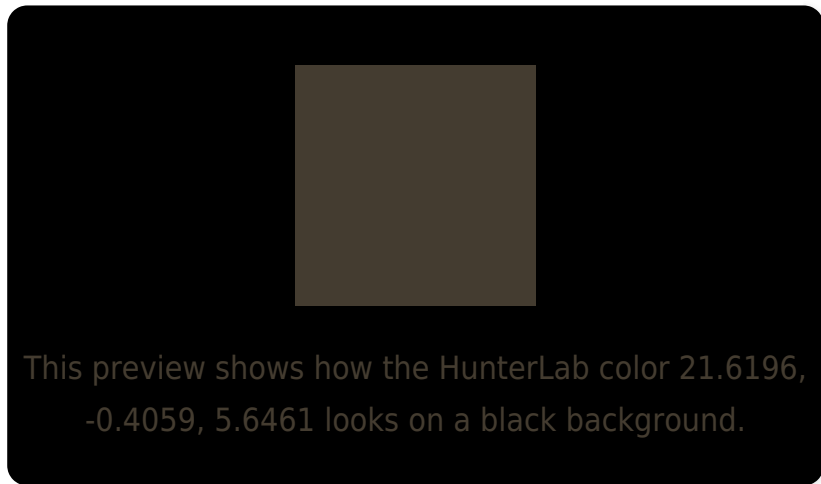
Large Text (above 18pt) WCAG AA ✓ Pass

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

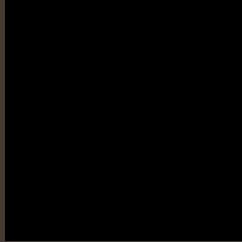
Any Text WCAG AA × Fail

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 21.6196, -0.4059, 5.6461 Background



This preview shows how black text looks on a background with the HunterLab color 21.6196, -0.4059, 5.6461.



This preview shows how white text looks on a background with the HunterLab color 21.6196, -0.4059,

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

21.6196, -0.4059, 5.6461

Protanopia

21.6211, -1.6580, 5.6257

Deuteranopia

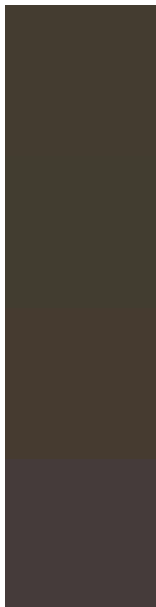
21.6354, 0.8816, 5.6841



Tritanopia

21.6497, 2.8104, 0.5110

Trichromacy



Original Color

21.6196, -0.4059, 5.6461

Protanomaly

21.7005, -1.3802, 5.7076

Deuteranomaly

21.5486, 0.5871, 5.5945

Tritanomaly

21.6763, 1.4446, 2.4330

Monochromacy



Original Color

21.6196, -0.4059, 5.6461

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.7094, -1.0169, 3.1415

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.6196, -0.4059, 5.6461 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(68, 60, 48)` looks like.

```
.text, #text, p{  
    color:rgb(68, 60, 48)  
}
```

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(68, 60, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 60, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 21.6196, -0.4059, 5.6461 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(68, 60, 48) }
```


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

```
.border{ border-color:rgb(68, 60, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 60, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 60, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 60, 48);  
box-shadow:4px 4px 4px 4px rgb(68, 60, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.6196, -0.4059, 5.6461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 60, 48) }
```

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

```
.background{ background-color: rgb(68, 60,  
48) }
```

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