

Converting Colors

HunterLab(21.1700, -2.7846,
7.6785)

Have a look what the booklet for
HunterLab(21.1700, -2.7846, 7.6785)
contains.

HunterLab(21.0594, -2.6787, 7.5258)	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(21.0594, -2.6787,
7.5258)**

Conversions

Conversions Part 1

Format	Color
Hex	3F3C27
RGB	63, 60, 39
RGB Percent	25%, 24%, 15%
CMY	0.7529, 0.7647, 0.8471
CMYK	0.00, 0.05, 0.38, 0.75
HSL	53°, 24%, 20%
HSV	53°, 38%, 25%
XYZ	4.0320, 4.4350, 2.5630
YIQ	58.5030, 8.5290, -5.8950

Conversions

Conversions Part 2

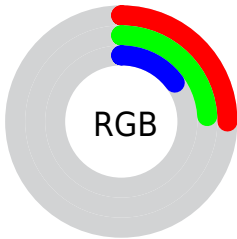
Format	Color
R_{YB}	42, 63, 39
Decimal	4144167
CIE Lab	25.06, -2.60, 13.48
CIE LCh	25, 13.725, 100.941
Yxy	4.4352, 0.3655, 0.4021
Android (android.graphics.Color)	4282334247 (0xFF3F3C27)
YUV	58.5030, -9.6150, 3.9439
Hunter-Lab	21.0594, -2.6787, 7.5258

Details

The HunterLab color **21.0594, -2.6787, 7.5258** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.6400, 1.8687, -8.1574**, and the grayscale version is **20.7726, -1.1084, 1.1286**.

A 20% lighter version of the original color is **38.1248, -3.9166, 10.3799**, and **7.5568, -1.7715, 4.6255** is the 20% darker color. If you saturate the color by 10%, you get **20.7725, -2.8793, 8.7051**, and if you desaturate by 10%, it is **21.3625, -2.3997, 6.1466**.

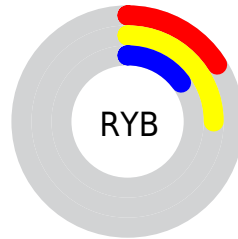
Distribution



Red (25%)

Green (24%)

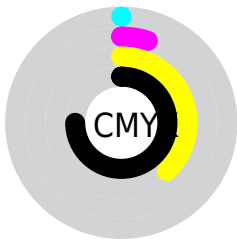
Blue (15%)



Red (16%)

Yellow (25%)

Blue (15%)

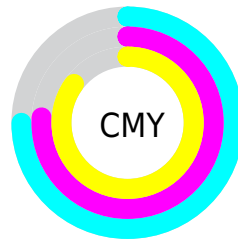


Cyan (0%)

Magenta (5%)

Yellow (38%)

Black (75%)



Cyan (75%)

Magenta (76%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0594, -2.6787, 7.5258 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 21.0594, -2.6787, 7.5258 by changing the saturation by 10% instead.

■ 21.0594, -2.6787,
7.5258

■ 21.0594, -2.6787,
7.5258

■ 120.0944, -9.2200,
19.5969

■ 13.8559, -2.0857,
5.9622

■ 38.1907, -3.9447,
10.3862

■ 7.4851, -1.9163,
5.2396

■ 47.9467, -4.6187,
11.7411

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.4158, -5.3202,
13.0702

0.0000, NaN, NaN

■ 69.5522, -6.0487,
14.3837

0.0000, NaN, NaN

■ 81.3182, -6.8036,
15.6887

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.6817, -7.5842,

106.6151, -8.3898,
18.2921

21.0594, -2.6787,
7.5258

21.0594, -2.6787,
7.5258

20.7725, -2.8793,
8.7051

21.3625, -2.3997,
6.1466

20.5002, -3.0004,
9.6848

21.6805, -2.0404,
4.5675

20.2427, -3.0441,
10.4679

22.0139, -1.6019,
2.7912

19.9994, -3.0130,
11.0600

22.3627, -1.0852,
0.8211

19.7687, -2.9163,
11.4843

22.7268, -0.4918,
-1.3381

■ 19.5408, -2.8093,
11.8871

■ 23.1059, 0.1764,
-3.6812

■ 19.4974, -2.7892,
11.9653

■ 23.4999, 0.9174,
-6.2022

■ 23.9086, 1.7288,
-8.8946

■ 24.3317, 2.6082,
-11.7516

Harmonies

Analogous

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



21.0599, 1.6589, 7.3344



21.0594, -2.6787, 7.5258



21.0599, -6.2997, 6.2875

Triad

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



21.0599, -2.6794, 7.5260



21.0599, -7.0434, -4.7214



21.0599, 7.3220, -1.6028

Complementary

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



21.0594, -2.6787, 7.5258



15.6400, 1.8687, -8.1574

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.



21.0599, 4.6037, -5.7444



21.0594, -2.6787, 7.5258



21.0599, -3.7711, -7.7809

Square

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



21.0599, -2.6794, 7.5260



21.0599, -8.6806, -0.4103



21.0599, 0.4761, -8.1890



21.0599, 7.6738, 2.5926

Rectangle

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



21.0594, -2.6787, 7.5258



21.0599, -7.9095, 4.6368



21.0599, 0.4761, -8.1890



21.0599, 6.6450, -3.0675

Sweetspot

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



21.0599, -2.6794, 7.5260



28.3896, -2.2803, 4.4256



16.3599, 6.2518, 2.1834



14.5550, -1.1802, 2.3124



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.



21.0599, -2.6794, 7.5260



26.9324, -3.7305, 11.2707



21.1928, -6.1270, 7.5815



11.4298, -0.8392, 1.4780



29.1857, -3.9084, 17.9156



73.5860, -8.9448, 45.1868

Inverse Universe

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



15.6400, 1.8687, -8.1574



18.2101, 3.7861, -14.4442



15.5997, 5.1090, -8.1715



10.7893, -0.3205, -0.3299



10.3550, 19.1995, -54.3892



24.6637, 55.0729, -149.7142

Previews

White Background



This preview shows how the HunterLab color 21.0594, -2.6787, 7.5258 looks on a white background.

Color Contrast Check

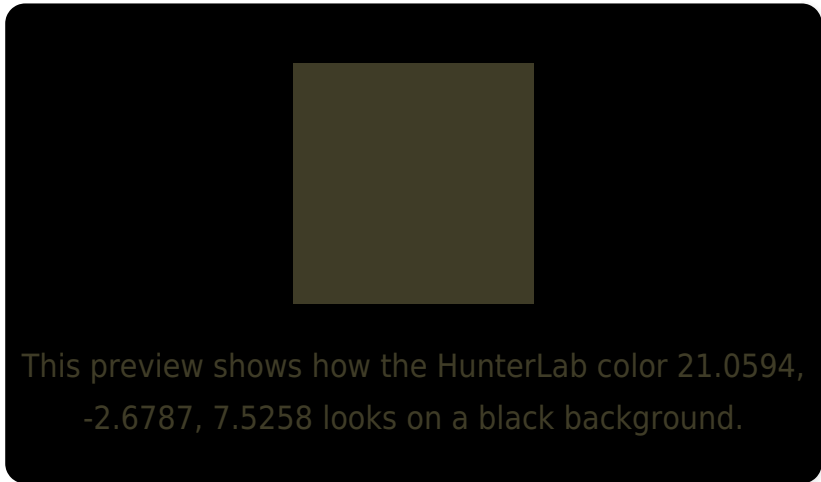
Large Text (above 18pt) WCAG AA ✓ Pass

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

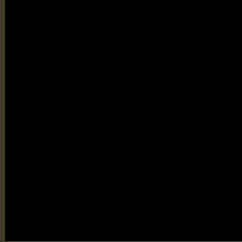
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

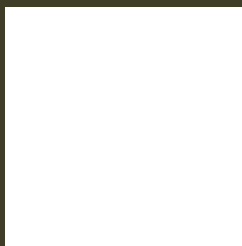
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 21.0594, -2.6787, 7.5258 Background



This preview shows how black text looks on a background with the HunterLab color 21.0594, -2.6787, 7.5258.

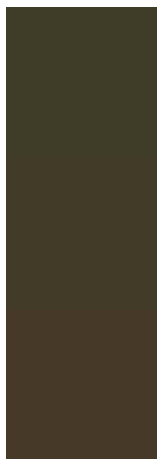


This preview shows how white text looks on a background with the HunterLab color 21.0594, -2.6787,

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

21.0594, -2.6787, 7.5258

Protanopia

20.9720, -1.7180, 7.4662

Deuteranopia

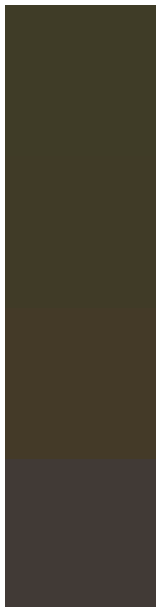
21.0215, 0.9533, 7.3081



Tritanopia

21.0530, 1.9840, 0.1728

Trichromacy



Original Color

21.0594, -2.6787, 7.5258

Protanomaly

20.8911, -2.0019, 7.3905

Deuteranomaly

20.9958, -0.3559, 7.2624

Tritanomaly

21.0149, 0.2481, 3.1071

Monochromacy



Original Color

21.0594, -2.6787, 7.5258

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.8243, -1.7505, 3.5513

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0594, -2.6787, 7.5258 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, 60, 39)` looks like.

```
.text, #text, p{  
    color:rgb(63, 60, 39)  
}
```

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, 60, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 60, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0594, -2.6787, 7.5258 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, 60, 39) }
```


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

```
.border{ border-color:rgb(63, 60, 39) }
```

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

Here you see how a box with a 4 pixel rgb(63, 60, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 60, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 60, 39);  
box-shadow:4px 4px 4px 4px rgb(63, 60, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0594, -2.6787, 7.5258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 60, 39) }
```

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

```
.background{ background-color: rgb(63, 60,  
39) }
```

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