

Converting Colors

HunterLab(21.1042, -8.1961,
7.7676)

Have a look what the booklet for
HunterLab(21.1042, -8.1961, 7.7676)
contains.

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Color

**HunterLab(21.0597, -8.0180,
7.6740)**

Conversions

Conversions Part 1

Format	Color
Hex	304026
RGB	48, 64, 38
RGB Percent	19%, 25%, 15%
CMY	0.8118, 0.7490, 0.8510
CMYK	0.25, 0.00, 0.41, 0.75
HSL	97°, 25%, 20%
HSV	97°, 41%, 25%
XYZ	3.4022, 4.4351, 2.5105
YIQ	56.2520, -1.1900, -11.4780

Conversions

Conversions Part 2

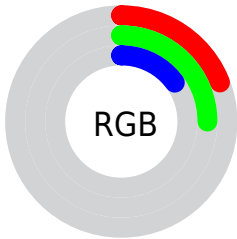
Format	Color
RYB	38, 64, 54
Decimal	3162150
CIELab	25.06, -12.20, 13.87
CIELCh	25, 18.476, 131.344
Yxy	4.4353, 0.3288, 0.4286
Android (android.graphics.Color)	4281352230 (0xFF304026)
YUV	56.2520, -8.9982, -7.2370
Hunter-Lab	21.0597, -8.0180, 7.6740

Details

The HunterLab color **21.0597, -8.0180, 7.6740** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15.9398, 7.2685, -8.0935**, and the grayscale version is **20.0025, -1.0673, 1.0868**.

A 20% lighter version of the original color is **38.2698, -10.6521, 10.7166**, and **7.5751, -6.4956, 4.5540** is the 20% darker color. If you saturate the color by 10%, you get **20.7507, -9.3879, 8.7986**, and if you desaturate by 10%, it is **21.4016, -6.5203, 6.3621**.

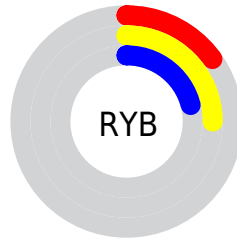
Distribution



Red (19%)

Green (25%)

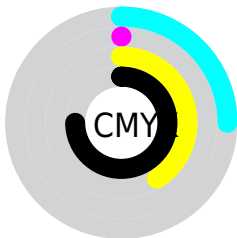
Blue (15%)



Red (15%)

Yellow (25%)

Blue (21%)

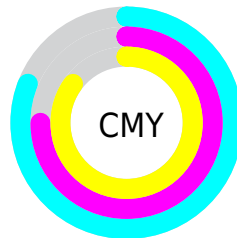


Cyan (25%)

Magenta (0%)

Yellow (41%)

Black (75%)



Cyan (81%)

Magenta (75%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0597, -8.0180, 7.6740 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 21.0597, -8.0180, 7.6740 by changing the saturation by 10% instead.

■ 21.0597, -8.0180,
7.6740

■ 21.0597, -8.0180,
7.6740

■ 120.0949,
-19.3368, 19.9557

■ 13.8561, -6.6007,
6.0804

■ 38.1911, -10.6421,
10.5963

■ 7.4854, -7.5045,
5.2398

■ 47.9471, -11.9025,
11.9774

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.4162, -13.1471,
13.3304

0.0000, NaN, NaN

■ 69.5526, -14.3837,
14.6661

0.0000, NaN, NaN

■ 81.3186, -15.6176,
15.9918

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.6822, -16.8528,

106.6156,
-18.0918, 18.6333

21.0597, -8.0180,
7.6740

21.0597, -8.0180,
7.6740

20.7507, -9.3879,
8.7986

21.4016, -6.5203,
6.3621

20.4734, -10.6232,
9.7333

21.7749, -4.9004,
4.8664

20.2279, -11.7201,
10.4795

22.1796, -3.1664,
3.1935

20.0138, -12.6768,
11.0416

22.6151, -1.3266,
1.3509

19.8276, -13.5092,
11.4660

23.0806, 0.6104,
-0.6524

■ 19.6692, -14.2296,
11.8710

■ 23.5755, 2.6360,
-2.8071

■ 24.0987, 4.7417,
-5.1031

■ 24.6493, 6.9192,
-7.5306

■ 25.2264, 9.1609,
-10.0795

Harmonies

Analogous

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



21.0602, -3.2810, 9.1401



21.0597, -8.0180, 7.6740



21.0602, -10.7125, 4.2750

Triad

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



21.0602, -8.0185, 7.6742



21.0602, -4.5860, -11.6378



21.0602, 11.0073, 3.1345

Complementary

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



21.0597, -8.0180, 7.6740



15.9398, 7.2685, -8.0935

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.



21.0602, 10.5599, -2.5507



21.0597, -8.0180, 7.6740



21.0602, 1.1217, -12.1882

Square

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



21.0602, -8.0185, 7.6742



21.0602, -8.8843, -7.1669



21.0602, 6.7882, -8.5129



21.0602, 7.9513, 7.0353

Rectangle

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



21.0597, -8.0180, 7.6740



21.0602, -11.1845, 0.8951



21.0602, 6.7882, -8.5129



21.0602, 11.2697, 1.3945

Sweetspot

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



21.0602, -8.0185, 7.6742



29.1137, -4.6197, 4.6465



19.5739, 0.0800, 6.5081



15.2712, -2.4683, 2.4813



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



21.0602, -8.0185, 7.6742



27.3143, -12.4664, 11.6690



20.5825, -9.7753, 6.5734



12.1736, -1.5286, 1.5460



29.8817, -22.1983, 18.0244



74.5113, -57.0202, 44.9153

Inverse Universe

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



15.9398, 7.2685, -8.0935



18.9832, 12.5845, -14.3752



16.7857, 9.5539, -5.2847



11.5583, 0.2899, -0.3101



13.4555, 29.4431, -40.9186



32.8867, 72.7498, -106.1145

Previews

White Background



This preview shows how the HunterLab color 21.0597, -8.0180, 7.6740 looks on a white background.

Color Contrast Check

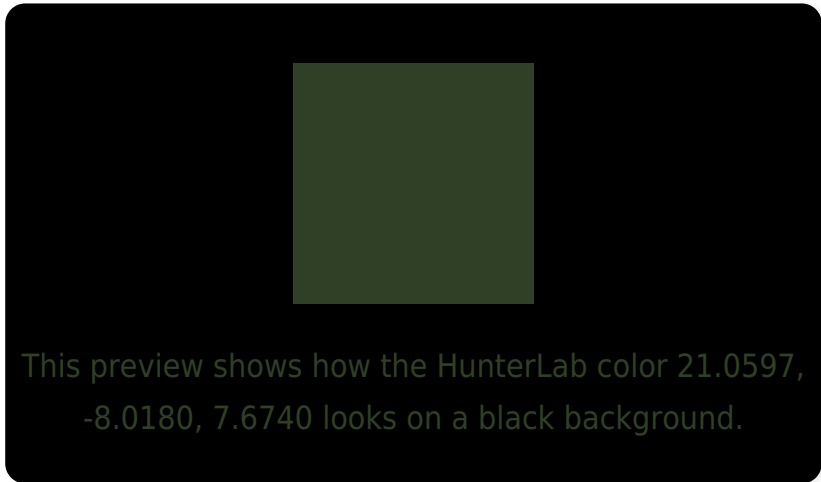
Large Text (above 18pt) WCAG AA ✓ Pass

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

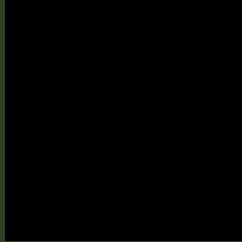
Any Text WCAG AA × Fail

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 21.0597, -8.0180, 7.6740 Background



This preview shows how black text looks on a background with the HunterLab color 21.0597, -8.0180, 7.6740.

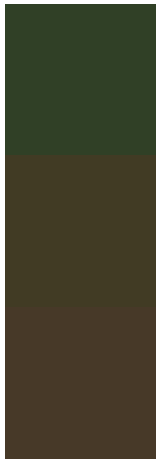


This preview shows how white text looks on a background with the HunterLab color 21.0597, -8.0180,

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

21.0597, -8.0180, 7.6740

Protanopia

20.9264, -1.9694, 8.1313

Deuteranopia

21.0215, 0.9533, 7.3081



Tritanopia

21.1208, -2.5789, -1.4995

Trichromacy



Original Color

21.0597, -8.0180, 7.6740

Protanomaly

20.9782, -4.3248, 7.9043

Deuteranomaly

21.0594, -2.6787, 7.5258

Tritanomaly

21.0584, -4.6277, 2.3613

Monochromacy



Original Color

21.0597, -8.0180, 7.6740

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.2647, -3.8713, 3.9177

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0597, -8.0180, 7.6740 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(48, 64, 38)` looks like.

```
.text, #text, p{  
    color:rgb(48, 64, 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(48, 64, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 64, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0597, -8.0180, 7.6740 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(48, 64, 38) }
```


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

```
.border{ border-color:rgb(48, 64, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 64, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 64, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 64, 38);  
box-shadow:4px 4px 4px 4px rgb(48, 64, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0597, -8.0180, 7.6740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 64, 38) }
```

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

```
.background{ background-color: rgb(48, 64,  
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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