

Converting Colors

HunterLab(21.2575, 38.9277,
-5.8262)

Have a look what the booklet for
HunterLab(21.2575, 38.9277,
-5.8262) contains.

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Color

**HunterLab(21.2812, 38.9624,
-5.7657)**

Conversions

Conversions Part 1

Format	Color
Hex	78004D
RGB	120, 0, 77
RGB Percent	47%, 0%, 30%
CMY	0.5294, 1.0000, 0.6980
CMYK	0.00, 1.00, 0.36, 0.53
HSL	322°, 100%, 24%
HSV	322°, 100%, 47%
XYZ	9.0853, 4.5289, 7.4165
YIQ	44.6580, 46.8030, 49.3870

Conversions

Conversions Part 2

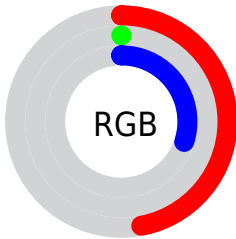
Format	Color
RYB	120, 0, 77
Decimal	7864397
CIELab	25.35, 50.39, -10.39
CIELCh	25, 51.447, 348.351
Yxy	4.5291, 0.4320, 0.2154
Android (android.graphics.Color)	4286054477 (0xFF78004D)
YUV	44.6580, 15.9446, 66.0749
Hunter-Lab	21.2812, 38.9624, -5.7657

Details

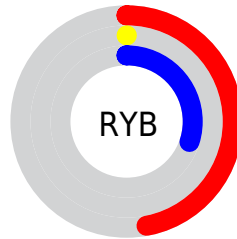
The HunterLab color **21.2812, 38.9624, -5.7657** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **36.8884, -29.9425, 18.5310**, and the grayscale version is **16.0270, -0.8552, 0.8708**.

A 20% lighter version of the original color is **38.4067, 42.8325, -6.0554**, and **11.2608, 20.2595, -0.2822** is the 20% darker color. If you saturate the color by 10%, you get **21.2811, 38.9620, -5.7638**, and if you desaturate by 10%, it is **22.0338, 37.3800, -6.8750**.

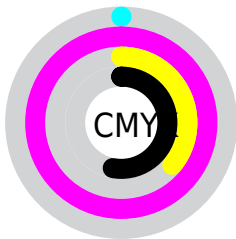
Distribution



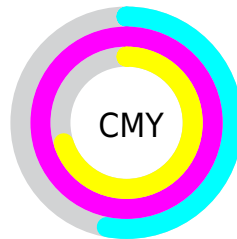
- Red (47%)
- Green (0%)
- Blue (30%)



- Red (47%)
- Yellow (0%)
- Blue (30%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2812, 38.9624, -5.7657 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 21.2812, 38.9624, -5.7657 by changing the saturation by 10% instead.

■ 21.2812, 38.9624,
-5.7657

■ 21.2812, 38.9624,
-5.7657

■ 120.4904, 53.1464,
-4.6439

■ 14.0490, 37.0932,
-5.5340

■ 38.4612, 42.8064,
-5.9638

■ 7.6951, 37.4734,
-5.6379

■ 48.2385, 44.6012,
-5.9483

0.0000, INF, -NF

0.0000, NaN, NaN

■ 58.7273, 46.2849,
-5.8664

0.0000, NaN, NaN

■ 69.8824, 47.8578,
-5.7244

0.0000, NaN, NaN

■ 81.6660, 49.3245,
-5.5272

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.0463, 50.6907,

-5.2791

0.0000, NaN, NaN

106.9958, 51.9628,
-4.9837

21.2812, 38.9624,
-5.7657

21.2812, 38.9624,
-5.7657

21.2811, 38.9620,
-5.7638

22.0338, 37.3800,
-6.8750

23.0484, 35.0686,
-7.6153

24.4786, 31.6745,
-7.7373

26.3053, 27.4724,
-7.2852

28.4910, 22.7575,
-6.3517

■ 30.9913, 17.7734,
-5.0419

■ 33.7628, 12.6912,
-3.4502

■ 36.7662, 7.6160,
-1.6518

■ 39.9684, 2.6046,
0.2972

Harmonies

Analogous

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



21.2818, 27.6292, -29.6035



21.2812, 38.9624, -5.7657



21.2818, 37.4143, 8.5564

Triad

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



21.2818, 38.9604, -5.7649



21.2818, -10.1133, 14.8973



21.2818, -18.1847, -35.2062

Complementary

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



21.2812, 38.9624, -5.7657



36.8884, -29.9425, 18.5310

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.



21.2818, -23.4256, -10.4949



21.2812, 38.9624, -5.7657



21.2818, -19.8235, 13.0440

Square

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



21.2818, 38.9604, -5.7649



21.2818, 5.5518, 14.8973



21.2818, -23.9183, 6.3315



21.2818, -7.0892, -53.4132

Rectangle

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



21.2812, 38.9624, -5.7657



21.2818, 29.3537, 12.6022



21.2818, -23.9183, 6.3315



21.2818, -20.5254, -26.7942

Sweetspot

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



21.2818, 38.9604, -5.7649



44.4914, 17.3341, -4.7434



13.5968, 33.2532, -68.5244



21.0342, 9.5607, -2.6735



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



21.2818, 38.9604, -5.7649



28.1770, 51.5060, -7.0017



20.0924, 34.6231, 11.2970



20.1352, 1.0780, 0.2397



22.2215, 40.6728, -5.9338



48.3606, 88.2116, -10.5524

Inverse Universe

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



21.2818, 38.9604, -5.7649



28.1770, 51.5060, -7.0017



37.9373, -23.5030, 3.3191



20.1352, 1.0780, 0.2397



22.2215, 40.6728, -5.9338



48.3606, 88.2116, -10.5524

Previews

White Background



This preview shows how the HunterLab color 21.2812, 38.9624, -5.7657 looks on a white background.

Color Contrast Check

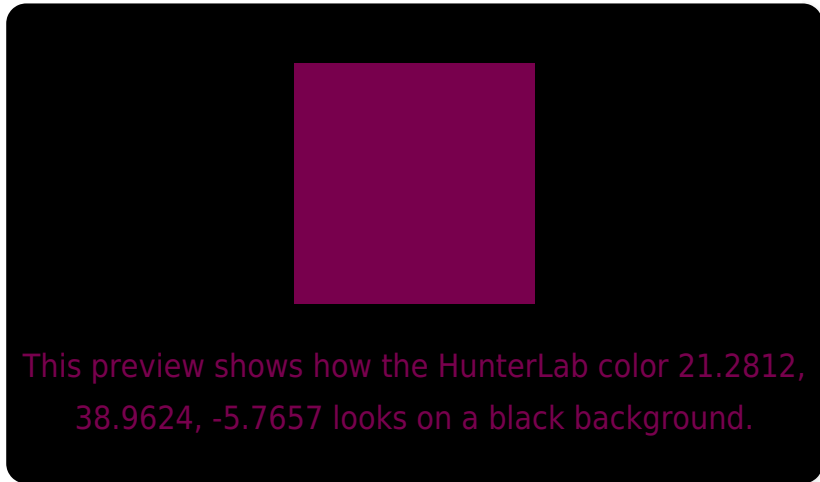
Large Text (above 18pt) WCAG AA ✓ Pass

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

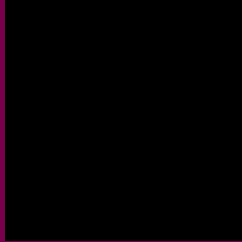
Any Text WCAG AA × Fail

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 21.2812, 38.9624, -5.7657 Background



This preview shows how black text looks on a background with the HunterLab color 21.2812, 38.9624, -5.7657.



This preview shows how white text looks on a background with the HunterLab color 21.2812, 38.9624,

-5.7657.

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

21.2812, 38.9624, -5.7657

Protanopia

22.5491, 4.3414, -24.8174

Deuteranopia

22.5197, 1.3249, -2.2417



Tritanopia

21.9425, 27.1768, 10.3043

Trichromacy



Original Color

21.2812, 38.9624, -5.7657

Protanomaly

19.1637, 17.9601, -23.6275

Deuteranomaly

19.8088, 17.5930, -6.8770

Tritanomaly

21.2854, 31.8310, 5.8842

Monochromacy



Original Color

21.2812, 38.9624, -5.7657

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

15.9745, 15.0688, -4.2597

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2812, 38.9624, -5.7657 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(120, 0, 77)` looks like.

```
.text, #text, p{  
  color:rgb(120, 0, 77)  
}
```

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(120, 0, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 0, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2812, 38.9624, -5.7657 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(120, 0, 77) }
```


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

```
.border{ border-color:rgb(120, 0, 77) }
```

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

Here you see how a box with a 4 pixel rgb(120, 0, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 0, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 0, 77);  
box-shadow:4px 4px 4px 4px rgb(120, 0, 77)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2812, 38.9624, -5.7657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 0, 77) }
```

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

```
.background{ background-color: rgb(120, 0,  
77) }
```

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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