

Converting Colors

HunterLab(21.0023, 38.0079,
-2.2487)

Have a look what the booklet for
HunterLab(21.0023, 38.0079,
-2.2487) contains.

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Color

**HunterLab(21.0303, 38.0581,
-2.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	780045
RGB	120, 0, 69
RGB Percent	47%, 0%, 27%
CMY	0.5294, 1.0000, 0.7294
CMYK	0.00, 1.00, 0.42, 0.53
HSL	326°, 100%, 24%
HSV	326°, 100%, 47%
XYZ	8.8199, 4.4227, 6.0190
YIQ	43.7460, 49.3710, 46.8990

Conversions

Conversions Part 2

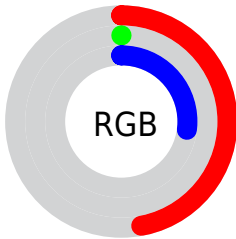
Format	Color
R_{YB}	120, 0, 69
Decimal	7864389
CIE Lab	25.02, 49.54, -5.46
CIE LCh	25, 49.843, 353.713
Yxy	4.4230, 0.4579, 0.2296
Android (android.graphics.Color)	4286054469 (0xFF780045)
YUV	43.7460, 12.4502, 66.8748
Hunter-Lab	21.0303, 38.0581, -2.2480

Details

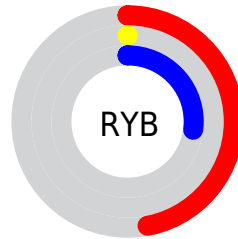
The HunterLab color **21.0303, 38.0581, -2.2480** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **36.9758, -29.3976, 17.2455**, and the grayscale version is **15.7382, -0.8397, 0.8551**.

A 20% lighter version of the original color is **38.1166, 41.5787, -1.9631**, and **11.1033, 19.6864, 1.9679** is the 20% darker color. If you saturate the color by 10%, you get **21.0302, 38.0575, -2.2460**, and if you desaturate by 10%, it is **21.7992, 36.5027, -3.5973**.

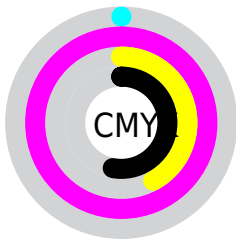
Distribution



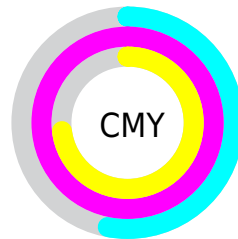
- Red (47%)
- Green (0%)
- Blue (27%)



- Red (47%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (53%)



- Cyan (53%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0303, 38.0581, -2.2480 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 21.0303, 38.0581, -2.2480 by changing the saturation by 10% instead.

21.0303, 38.0581,
-2.2480

21.0303, 38.0581,
-2.2480

120.0426, 52.0267,
0.7800

13.8307, 36.1986,
-2.2690

38.1554, 41.8632,
-1.9591

7.4572, 37.0645,
-2.6295

47.9086, 43.6342,
-1.7151

0.0000, INF, NaN

58.3751, 45.2930,
-1.4147

0.0000, NaN, NaN

69.5091, 46.8404,
-1.0632

0.0000, NaN, NaN

81.2728, 48.2814,
-0.6649

0.0000, NaN, NaN

93.6341, 49.6219,

0.0000, NaN, NaN

-0.2230

0.0000, NaN, NaN

106.5654, 50.8683,
0.2594

21.0303, 38.0581,
-2.2480

21.0303, 38.0581,
-2.2480

21.0302, 38.0575,
-2.2460

21.7992, 36.5027,
-3.5973

22.8348, 34.2322,
-4.6363

24.2906, 30.8958,
-5.1155

26.1457, 26.7714,
-5.0540

28.3606, 22.1528,
-4.5230

■ 30.8897, 17.2797,
-3.6120

■ 33.6888, 12.3175,
-2.4059

■ 36.7185, 7.3667,
-0.9751

■ 39.9453, 2.4807,
0.6258

Harmonies

Analogous

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



21.0309, 29.1424, -23.9119



21.0303, 38.0581, -2.2480



21.0309, 34.2450, 9.7255

Triad

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



21.0309, 38.0559, -2.2473



21.0309, -11.9339, 14.7216



21.0309, -16.1672, -37.6215

Complementary

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



21.0303, 38.0581, -2.2480



36.9758, -29.3976, 17.2455

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.



21.0309, -22.2325, -13.9783



21.0303, 38.0581, -2.2480



21.0309, -20.3370, 12.0322

Square

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



21.0309, 38.0559, -2.2473



21.0309, 2.2840, 14.7216



21.0309, -23.4964, 4.0517



21.0309, -4.3266, -52.0351

Rectangle

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



21.0303, 38.0581, -2.2480



21.0309, 25.4313, 13.0069



21.0309, -23.4964, 4.0517



21.0309, -18.7908, -29.9170

Sweetspot

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



21.0309, 38.0559, -2.2473



44.3907, 16.8264, -3.3211



14.2639, 33.9295, -64.4770



20.9792, 9.2867, -1.8971



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.



21.0309, 38.0559, -2.2473



27.8419, 50.2969, -2.2945



20.0381, 34.4221, 12.0994



20.1248, 1.0217, 0.3887



21.9591, 39.7268, -2.2537



47.7792, 86.1114, -2.3675

Inverse Universe

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



21.0309, 38.0559, -2.2473



27.8419, 50.2969, -2.2945



38.1560, -22.1848, 0.2001



20.1248, 1.0217, 0.3887



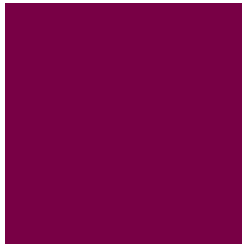
21.9591, 39.7268, -2.2537



47.7792, 86.1114, -2.3675

Previews

White Background



This preview shows how the HunterLab color 21.0303, 38.0581, -2.2480 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

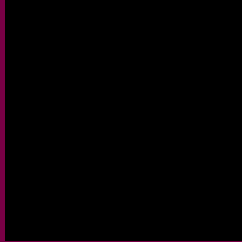
Any Text WCAG AA × Fail

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 21.0303, 38.0581, -2.2480 Background



This preview shows how black text looks on a background with the HunterLab color 21.0303, 38.0581, -2.2480.



This preview shows how white text looks on a background with the HunterLab color 21.0303, 38.0581, -2.2480.

-2.2480.

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

21.0303, 38.0581, -2.2480

Protanopia

22.3586, 2.7170, -17.4777

Deuteranopia

22.2999, 1.3852, 0.8691



Tritanopia

21.7239, 28.3152, 10.8835

Trichromacy



Original Color

21.0303, 38.0581, -2.2480

Protanomaly

19.1088, 16.8959, -16.5757

Deuteranomaly

19.7967, 17.0518, -2.9396

Tritanomaly

21.2067, 32.2812, 7.2428

Monochromacy



Original Color

21.0303, 38.0581, -2.2480

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.7012, 14.9317, -2.7823

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0303, 38.0581, -2.2480 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, 69)` looks like.

```
.text, #text, p{  
    color:rgb(120, 0, 69)  
}
```

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, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 0, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0303, 38.0581, -2.2480 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, 69) }
```


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

```
.border{ border-color:rgb(120, 0, 69) }
```

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, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 0, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 0, 69);  
box-shadow:4px 4px 4px 4px rgb(120, 0, 69)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0303, 38.0581, -2.2480 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, 69) }
```

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

```
.background{ background-color: rgb(120, 0,  
69) }
```

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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