

Converting Colors

HunterLab(20.7746, 37.8119,
-3.8994)

Have a look what the booklet for
HunterLab(20.7746, 37.8119,
-3.8994) contains.

HunterLab(20.7832, 37.8431, -4.0210)	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(20.7832, 37.8431,
-4.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	760048
RGB	118, 0, 72
RGB Percent	46%, 0%, 28%
CMY	0.5373, 1.0000, 0.7176
CMYK	0.00, 1.00, 0.39, 0.54
HSL	323°, 100%, 23%
HSV	323°, 100%, 46%
XYZ	8.6409, 4.3194, 6.5092
YIQ	43.4900, 47.2160, 47.4080

Conversions

Conversions Part 2

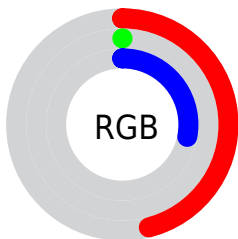
Format	Color
R_{YB}	118, 0, 72
Decimal	7733320
CIE Lab	24.70, 49.39, -8.03
CIE LCh	25, 50.037, 350.768
Yxy	4.3197, 0.4438, 0.2219
Android (android.graphics.Color)	4285923400 (0xFF760048)
YUV	43.4900, 14.0554, 65.3453
Hunter-Lab	20.7832, 37.8431, -4.0210

Details

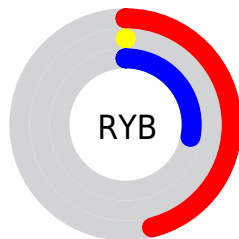
The HunterLab color **20.7832, 37.8431, -4.0210** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **36.2688, -29.1575, 17.6110**, and the grayscale version is **15.6496, -0.8350, 0.8503**.

A 20% lighter version of the original color is **37.7507, 41.7148, -3.9158**, and **10.8568, 19.4096, 0.6817** is the 20% darker color. If you saturate the color by 10%, you get **20.7831, 37.8426, -4.0192**, and if you desaturate by 10%, it is **21.5409, 36.2680, -5.2140**.

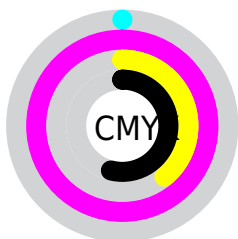
Distribution



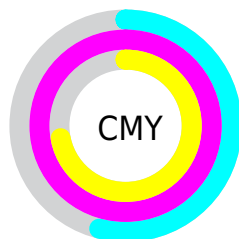
- Red (46%)
- Green (0%)
- Blue (28%)



- Red (46%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7832, 37.8431, -4.0210 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 20.7832, 37.8431, -4.0210 by changing the saturation by 10% instead.

20.7832, 37.8431,
-4.0210

20.7832, 37.8431,
-4.0210

119.6004, 51.7937,
-2.0389

13.6159, 35.9915,
-3.8953

37.8538, 41.6440,
-4.0053

7.2143, 37.4865,
-4.2973

47.5832, 43.4135,
-3.8873

0.0000, INF, NaN

0.0000, NaN, NaN

58.0275, 45.0707,
-3.7066

0.0000, NaN, NaN

69.1406, 46.6163,
-3.4693

0.0000, NaN, NaN

80.8845, 48.0552,
-3.1803

0.0000, NaN, NaN

0.0000, NaN, NaN

93.2270, 49.3936,

-2.8434

0.0000, NaN, NaN

106.1404, 50.6378,
-2.4620

20.7832, 37.8431,
-4.0210

20.7832, 37.8431,
-4.0210

20.7831, 37.8426,
-4.0192

21.5409, 36.2680,
-5.2140

22.5521, 34.0057,
-6.0779

23.9721, 30.6943,
-6.3625

25.7808, 26.6050,
-6.1002

27.9407, 22.0250,
-5.3722

■ 30.4079, 17.1900,
-4.2738

■ 33.1395, 12.2637,
-2.8930

■ 36.0972, 7.3465,
-1.3011

■ 39.2486, 2.4921,
0.4478

Harmonies

Analogous

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



20.7838, 27.8037, -26.4380



20.7832, 37.8431, -4.0210



20.7838, 35.2931, 8.9520

Triad

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



20.7838, 37.8410, -4.0203



20.7838, -10.7628, 14.5487



20.7838, -16.9572, -35.6397

Complementary

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



20.7832, 37.8431, -4.0210



36.2688, -29.1575, 17.6110

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.



20.7838, -22.4665, -11.8355



20.7832, 37.8431, -4.0210



20.7838, -19.6976, 12.3664

Square

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



20.7838, 37.8410, -4.0203



20.7838, 3.9554, 14.5487



20.7838, -23.2935, 5.2294



20.7838, -5.7326, -51.8139

Rectangle

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



20.7832, 37.8431, -4.0210



20.7838, 27.0320, 12.5713



20.7838, -23.2935, 5.2294



20.7838, -19.3802, -27.6911

Sweetspot

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



20.7838, 37.8410, -4.0203



43.6587, 16.7570, -3.9855



13.6806, 32.9847, -65.2730



20.3492, 9.0675, -2.2133



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



20.7838, 37.8410, -4.0203



27.5115, 50.0095, -4.6658



19.7050, 33.9002, 11.5094



19.3259, 0.9916, 0.3042



21.6113, 39.3403, -4.0998



47.5269, 86.1936, -6.5169

Inverse Universe

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



20.7838, 37.8410, -4.0203



27.5115, 50.0095, -4.6658



37.3646, -22.4446, 1.7500



19.3259, 0.9916, 0.3042



21.6113, 39.3403, -4.0998



47.5269, 86.1936, -6.5169

Previews

White Background



This preview shows how the HunterLab color 20.7832, 37.8431, -4.0210 looks on a white background.

Color Contrast Check

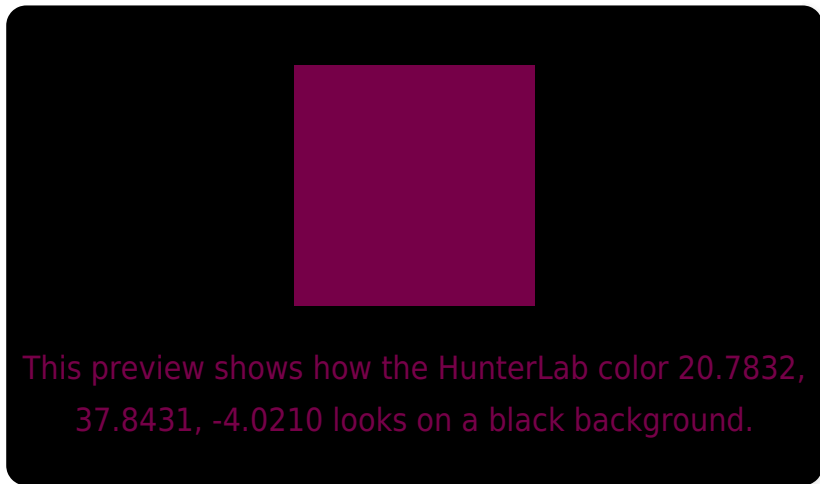
Large Text (above 18pt) WCAG AA ✓ Pass

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

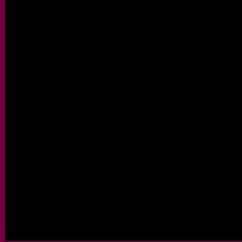
Any Text WCAG AA × Fail

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 20.7832, 37.8431, -4.0210 Background



This preview shows how black text looks on a background with the HunterLab color 20.7832, 37.8431, -4.0210.



This preview shows how white text looks on a background with the HunterLab color 20.7832, 37.8431, -4.0210.

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

20.7832, 37.8431, -4.0210

Protanopia

22.0786, 3.3960, -20.7948

Deuteranopia

22.1382, 0.9977, -0.5627



Tritanopia

21.3636, 27.0102, 10.4111

Trichromacy



Original Color

20.7832, 37.8431, -4.0210

Protanomaly

18.9775, 16.9205, -19.6433

Deuteranomaly

19.5244, 16.5364, -4.7771

Tritanomaly

20.8209, 31.2263, 6.3068

Monochromacy



Original Color

20.7832, 37.8431, -4.0210

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.3372, 14.8668, -3.7806

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7832, 37.8431, -4.0210 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(118, 0, 72)` looks like.

```
.text, #text, p{  
    color:rgb(118, 0, 72)  
}
```

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(118, 0, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 0, 72) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7832, 37.8431, -4.0210 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(118, 0, 72) }
```


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

```
.border{ border-color:rgb(118, 0, 72) }
```

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

Here you see how a box with a 4 pixel rgb(118, 0, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 0, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 0, 72);  
box-shadow:4px 4px 4px 4px rgb(118, 0, 72)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7832, 37.8431, -4.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 0, 72) }
```

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

```
.background{ background-color: rgb(118, 0,  
72) }
```

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