

Converting Colors

HunterLab(37.2014, -38.6148,
26.0410)

Have a look what the booklet for
HunterLab(37.2014, -38.6148,
26.0410) contains.

HunterLab(38.2978, -32.8404, 23.0240)	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(38.2978,
-32.8404, 23.0240)**

Conversions

Conversions Part 1

Format	Color
Hex	007D00
RGB	0, 125, 0
RGB Percent	0%, 49%, 0%
CMY	1.0000, 0.5098, 1.0000
CMYK	1.00, 0.00, 1.00, 0.51
HSL	120°, 100%, 25%
HSV	120°, 100%, 49%
XYZ	7.3336, 14.6672, 2.4445
YIQ	73.3750, -34.3750, -65.3750

Conversions

Conversions Part 2

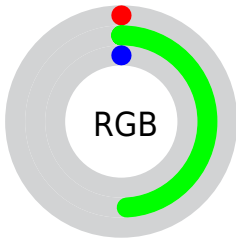
Format	Color
RYB	0, 125, 125
Decimal	32000
CIELab	45.18, -50.82, 49.05
CIELCh	45, 70.634, 136.017
Yxy	14.6678, 0.3000, 0.6000
Android (android.graphics.Color)	4278222080 (0xFF007D00)
YUV	73.3750, -36.1739, -64.3499
Hunter-Lab	38.2978, -32.8404, 23.0240

Details

The HunterLab color **38.2978, -32.8404, 23.0240** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **24.1675, 47.5134, -31.8706**, and the grayscale version is **26.0800, -1.3916, 1.4170**.

A 20% lighter version of the original color is **58.6075, -40.3988, 30.6490**, and **22.1304, -18.9768, 13.3044** is the 20% darker color. If you saturate the color by 10%, you get **38.2986, -32.8409, 23.0241**, and if you desaturate by 10%, it is **38.4414, -32.1583, 22.5625**.

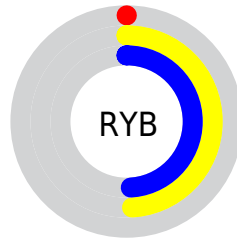
Distribution



Red (0%)

Green (49%)

Blue (0%)



Red (0%)

Yellow (49%)

Blue (49%)

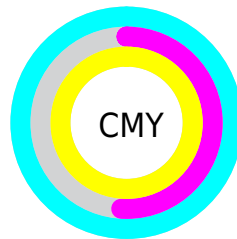


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (100%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.2978, -32.8404, 23.0240 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 38.2978, -32.8404, 23.0240 by changing the saturation by 10% instead.

■ 38.2978, -32.8404,
23.0240

■ 38.2978, -32.8404,
23.0240

148.7773,
-62.5221, 52.7589

■ 29.3029, -28.6195,
18.8716

■ 58.5401, -40.4242,
30.6223

■ 21.1484, -23.9695,
14.8039

■ 69.6839, -43.9139,
34.1309

■ 13.9329, -19.8199,
9.7530

■ 81.4570, -47.2565,
37.4898

■ 7.5697, -13.2469,
5.2988

■ 93.8272, -50.4792,
40.7238

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.7670,
-53.6026, 43.8530


0.0000, NaN, NaN


■ 120.2524,


0.0000, NaN, NaN


-56.6428, 46.8936


0.0000, NaN, NaN


 134.2621,
-59.6125, 49.8586


 38.2978, -32.8404,
23.0240


 38.2978, -32.8404,
23.0240


 38.2986, -32.8409,
23.0241

 38.4414, -32.1583,
22.5625

 38.6584, -31.1271,
21.8650

 38.9964, -29.5337,
20.7875

 39.4668, -27.3433,
19.3063

 40.0769, -24.5463,
17.4152

■ 40.8311, -21.1548,
15.1225

■ 41.7309, -17.1988,
12.4485

■ 42.7755, -12.7216,
9.4228

■ 43.9621, -7.7752,
6.0806

Harmonies

Analogous

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



38.2986, -15.4144, 25.7270



38.2978, -32.8404, 23.0240



38.2986, -40.6851, 12.2498

Triad

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



38.2986, -32.8409, 23.0241



38.2986, -13.8639, -84.2215



38.2986, 62.1749, 13.4136

Complementary

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



38.2978, -32.8404, 23.0240



24.1675, 47.5134, -31.8706

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.



38.2986, 62.9348, -11.9649



38.2978, -32.8404, 23.0240



38.2986, 13.4530, -82.9842

Square

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



38.2986, -32.8409, 23.0241



38.2986, -31.9798, -53.6447



38.2986, 43.2332, -50.9383



38.2986, 41.3795, 23.3698

Rectangle

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



38.2978, -32.8404, 23.0240



38.2986, -41.3690, -3.4959



38.2986, 43.2332, -50.9383



38.2986, 64.9448, 6.9344

Sweetspot

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



38.2986, -32.8409, 23.0241



55.7489, -23.4231, 16.9341



43.6210, -11.7163, 26.6740



26.3826, -12.0707, 8.6843



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



38.2986, -32.8409, 23.0241



51.2499, -43.9466, 30.8102



38.7571, -29.9796, 16.2744



21.9516, -3.6446, 2.8745



39.1257, -33.5502, 23.5214

0.0000, NaN, NaN

Inverse Universe

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



24.1675, 47.5134, -31.8706



32.3401, 63.5808, -42.6479



21.7105, 38.8074, 1.4135



21.0058, 1.4639, -0.6163

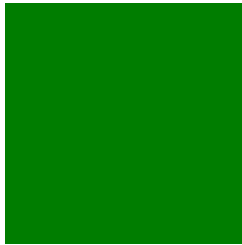


24.6894, 48.5396, -32.5589

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 38.2978, -32.8404, 23.0240 looks on a white background.

Color Contrast Check

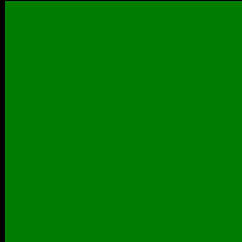
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 38.2978, -32.8404, 23.0240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 38.2978, -32.8404, 23.0240 Background



This preview shows how black text looks on a background with the HunterLab color 38.2978, -32.8404, 23.0240.



This preview shows how white text looks on a background with the HunterLab color 38.2978,

-32.8404, 23.0240.

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

38.2978, -32.8404, 23.0240

Protanopia

38.0900, -5.7199, 23.3707

Deuteranopia

38.0195, 2.4021, 21.8525



Tritanopia

38.3760, -14.0051, -7.0938

Trichromacy



Original Color

38.2978, -32.8404, 23.0240

Protanomaly

36.8390, -20.8702, 22.3347

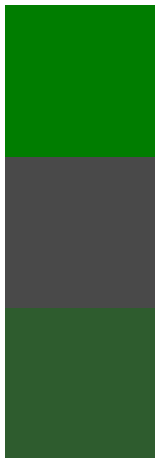
Deuteranomaly

36.2265, -16.9642, 21.1577

Tritanomaly

37.5449, -24.4742, 10.7215

Monochromacy



Original Color

38.2978, -32.8404, 23.0240

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

29.0386, -17.3348, 12.3125

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.2978, -32.8404, 23.0240 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(0, 125, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 0)  
}
```

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(0, 125, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 38.2978, -32.8404, 23.0240 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(0, 125, 0) }
```


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

```
.border{ border-color:rgb(0, 125, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 125, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 125, 0); box-shadow:4px  
4px 4px 4px rgb(0, 125, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.2978, -32.8404, 23.0240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 0) }
```

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

```
.background{ background-color: rgb(0, 125,  
0) }
```

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