

Converting Colors

HunterLab(51.2688, -31.8688,
22.5969)

Have a look what the booklet for
HunterLab(51.2688, -31.8688,
22.5969) contains.

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Color

**HunterLab(51.2676,
-32.0122, 22.6949)**

Conversions

Conversions Part 1

Format	Color
Hex	4E9D4E
RGB	78, 157, 78
RGB Percent	31%, 62%, 31%
CMY	0.6941, 0.3843, 0.6941
CMYK	0.50, 0.00, 0.50, 0.38
HSL	120°, 34%, 46%
HSV	120°, 50%, 62%
XYZ	16.5740, 26.2837, 11.4074
YIQ	124.3730, -21.7250, -41.3170

Conversions

Conversions Part 2

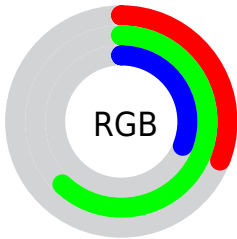
Format	Color
RYB	78, 157, 157
Decimal	5152078
CIELab	58.31, -40.94, 33.83
CIElCh	58, 53.110, 140.435
Yxy	26.2848, 0.3054, 0.4844
Android (android.graphics.Color)	4283342158 (0xFF4E9D4E)
YUV	124.3730, -22.8619, -40.6691
Hunter-Lab	51.2676, -32.0122, 22.6949

Details

The HunterLab color $51.2676, -32.0122, 22.6949$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $38.7964, 36.6193, -24.2019$, and the grayscale version is $45.1340, -2.4082, 2.4522$.

A 20% lighter version of the original color is $73.2520, -37.5938, 27.6691$, and $32.1046, -25.6055, 17.0660$ is the 20% darker color. If you saturate the color by 10%, you get $50.4975, -35.5575, 25.0917$, and if you desaturate by 10%, it is $52.2319, -27.6703, 19.7594$.

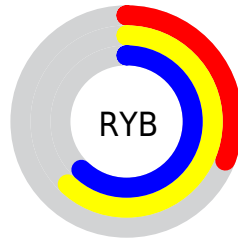
Distribution



Red (31%)

Green (62%)

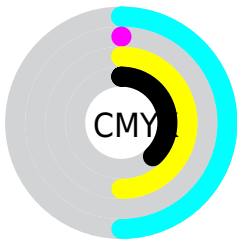
Blue (31%)



Red (31%)

Yellow (62%)

Blue (62%)

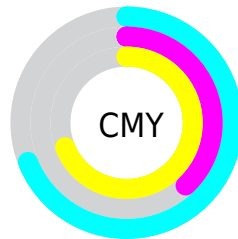


Cyan (50%)

Magenta (0%)

Yellow (50%)

Black (38%)



Cyan (69%)

Magenta (38%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2676, -32.0122, 22.6949 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 51.2676, -32.0122, 22.6949 by changing the saturation by 10% instead.

■ 51.2676, -32.0122,
22.6949

■ 51.2676, -32.0122,
22.6949

168.5756,
-55.7939, 43.6924

■ 41.2757, -28.8781,
19.9521

■ 73.3035, -37.8363,
27.8077

■ 32.0324, -25.5306,
17.0346

■ 85.2667, -40.5857,
30.2276

■ 23.6055, -21.8911,
13.8881

■ 97.8180, -43.2542,
32.5802

■ 16.0833, -17.8280,
11.2583

■ 110.9310,
-45.8563, 34.8780

■ 9.5916, -16.7854,
6.7142

■ 124.5828,
-48.4032, 37.1310

0.0000, NaN, NaN

0.0000, NaN, NaN

138.7526,

-50.9038, 39.3470

0.0000, NaN, NaN

153.4224,
-53.3654, 41.5324

0.0000, NaN, NaN

■ 51.2676, -32.0122,
22.6949

■ 51.2676, -32.0122,
22.6949

■ 50.4975, -35.5575,
25.0917

■ 52.2319, -27.6703,
19.7594

■ 49.9118, -38.2912,
26.9402

■ 53.3896, -22.5674,
16.3101

■ 49.5006, -40.2327,
28.2531

■ 54.7411, -16.7617,
12.3864

■ 49.2476, -41.4369,
29.0675

■ 56.2828, -10.3235,
8.0361

■ 49.1070, -42.1092,
29.5222

■ 58.0090, -3.3298,
3.3113

■ 59.9123, 4.1412,
-1.7349

■ 61.9843, 12.0139,
-7.0511

■ 64.2159, 20.2186,
-12.5903

■ 66.5977, 28.6933,
-18.3103

Harmonies

Analogous

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



51.2687, -16.9881, 28.3187



51.2676, -32.0122, 22.6949



51.2687, -38.8103, 9.1701

Triad

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



51.2687, -32.0130, 22.6953



51.2687, -9.7321, -56.6524



51.2687, 44.4357, 15.1824

Complementary

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



51.2676, -32.0122, 22.6949



38.7964, 36.6193, -24.2019

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.



51.2687, 47.2876, -4.5310



51.2676, -32.0122, 22.6949



51.2687, 13.2608, -52.7045

Square

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



51.2687, -32.0130, 22.6953



51.2687, -27.4909, -40.1621



51.2687, 35.0646, -30.9597



51.2687, 27.8363, 25.4619

Rectangle

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



51.2676, -32.0122, 22.6949



51.2687, -38.7304, -5.2383



51.2687, 35.0646, -30.9597



51.2687, 47.1333, 9.7001

Sweetspot

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



51.2687, -32.0130, 22.6953



74.2619, -18.1963, 13.7143



56.4211, -12.2479, 26.9777



34.6489, -9.3168, 6.9610



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



51.2687, -32.0130, 22.6953



67.5017, -47.9311, 33.8131



51.9912, -27.6755, 12.1831



27.2049, -4.6269, 3.6374



44.2549, -37.9485, 26.6052



5.9176, -5.0743, 3.5575

Inverse Universe

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



38.7964, 36.6193, -24.2019



48.1366, 59.5940, -39.6566



37.3007, 29.8108, -3.4910



25.9896, 1.9370, -0.8482



27.9264, 54.9041, -36.8317



3.7342, 7.3416, -4.9251

Previews

White Background



This preview shows how the HunterLab color 51.2676, -32.0122, 22.6949 looks on a white 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

Black Background



This preview shows how the HunterLab color 51.2676, -32.0122, 22.6949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

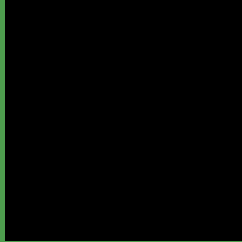
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.2676, -32.0122, 22.6949 Background



This preview shows how black text looks on a background with the HunterLab color 51.2676, -32.0122, 22.6949.



This preview shows how white text looks on a background with the HunterLab color 51.2676,

-32.0122, 22.6949.

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

51.2676, -32.0122, 22.6949

Protanopia

50.7968, -5.5116, 24.0483

Deuteranopia

50.8431, 3.5341, 21.6101



Tritanopia

51.1905, -13.7105, -7.2165

Trichromacy



Original Color

51.2676, -32.0122, 22.6949

Protanomaly

50.4854, -17.2150, 23.1991

Deuteranomaly

50.1891, -11.9009, 21.2878

Tritanomaly

50.8614, -21.5691, 6.3440

Monochromacy



Original Color

51.2676, -32.0122, 22.6949

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

46.6858, -14.7083, 10.8448

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2676, -32.0122, 22.6949 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(78, 157, 78)` looks like.

```
.text, #text, p{  
    color:rgb(78, 157, 78)  
}
```

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(78, 157, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 157, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2676, -32.0122, 22.6949 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(78, 157, 78) }
```


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

```
.border{ border-color:rgb(78, 157, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 157, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 157, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 157, 78);  
box-shadow:4px 4px 4px 4px rgb(78, 157,  
78) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2676, -32.0122, 22.6949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 157, 78) }
```

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

```
.background{ background-color: rgb(78, 157,  
78) }
```

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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