

Converting Colors

HunterLab(50.3090, -37.3064,
17.6519)

Have a look what the booklet for
HunterLab(50.3090, -37.3064,
17.6519) contains.

HunterLab(50.2792, -37.2479, 17.5629)	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(50.2792,
-37.2479, 17.5629)**

Conversions

Conversions Part 1

Format	Color
Hex	009E5F
RGB	0, 158, 95
RGB Percent	0%, 62%, 37%
CMY	1.0000, 0.3804, 0.6274
CMYK	1.00, 0.00, 0.40, 0.38
HSL	156°, 100%, 31%
HSV	156°, 100%, 62%
XYZ	14.2924, 25.2800, 14.9528
YIQ	103.5760, -73.9450, -53.0890

Conversions

Conversions Part 2

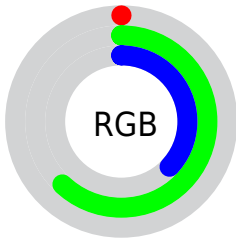
Format	Color
RYB	0, 99, 158
Decimal	40543
CIELab	57.35, -50.27, 23.28
CIELCh	57, 55.395, 155.154
Yxy	25.2810, 0.2621, 0.4636
Android (android.graphics.Color)	4278230623 (0xFF009E5F)
YUV	103.5760, -4.2280, -90.8362
Hunter-Lab	50.2792, -37.2479, 17.5629

Details

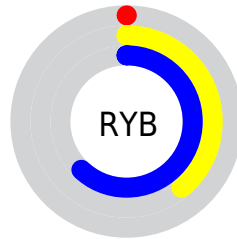
The HunterLab color **50.2792, -37.2479, 17.5629** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **27.6199, 48.5978, 7.7722**, and the grayscale version is **37.0833, -1.9787, 2.0148**.

A 20% lighter version of the original color is **72.2794, -44.3522, 21.4548**, and **32.1194, -25.1705, 14.1894** is the 20% darker color. If you saturate the color by 10%, you get **50.2801, -37.2490, 17.5641**, and if you desaturate by 10%, it is **50.5061, -36.0736, 15.9455**.

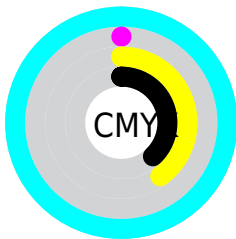
Distribution



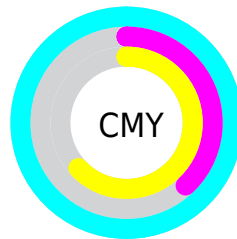
- Red (0%)
- Green (62%)
- Blue (37%)



- Red (0%)
- Yellow (39%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.2792, -37.2479, 17.5629 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 50.2792, -37.2479, 17.5629 by changing the saturation by 10% instead.

■ 50.2792, -37.2479,
17.5629

■ 50.2792, -37.2479,
17.5629

167.1031,
-65.4149, 33.6928

■ 40.3566, -33.4354,
15.5555

■ 72.1891, -44.2627,
21.3655

■ 31.1884, -29.3341,
13.4411

■ 84.0944, -47.5454,
23.1941

■ 22.8439, -24.8397,
11.1762

■ 96.5906, -50.7151,
24.9895

■ 15.4142, -20.0463,
9.0057

■ 109.6509,
-53.7909, 26.7598

■ 9.0194, -15.7839,
6.3136

■ 123.2519,
-56.7879, 28.5109

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 137.3730,

-59.7181, 30.2477

0.0000, NaN, NaN

151.9956,
-62.5911, 31.9739

0.0000, NaN, NaN

■ 50.2792, -37.2479,
17.5629

■ 50.2792, -37.2479,
17.5629

■ 50.2801, -37.2490,
17.5641

■ 50.5061, -36.0736,
15.9455

■ 50.8230, -34.5133,
14.2907

■ 51.2655, -32.4365,
12.6436

■ 51.8453, -29.8128,
11.0298

■ 52.5707, -26.6328,
9.4732

■ 53.4467, -22.9050,
7.9947

■ 54.4758, -18.6521,
6.6127

■ 55.6583, -13.9079,
5.3420

■ 56.9926, -8.7140,
4.1940

Harmonies

Analogous

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



50.2802, -25.9862, 26.6128



50.2792, -37.2479, 17.5629



50.2802, -40.0042, -1.2477

Triad

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



50.2802, -37.2484, 17.5633



50.2802, 1.4063, -60.9742



50.2802, 39.4786, 21.6231

Complementary

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



50.2792, -37.2479, 17.5629



27.6199, 48.5978, 7.7722

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.



50.2802, 50.2194, 6.4199



50.2792, -37.2479, 17.5629



50.2802, 25.8243, -46.1192

Square

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



50.2802, -37.2484, 17.5633



50.2802, -20.1733, -53.3939



50.2802, 44.8163, -18.6870



50.2802, 17.5764, 28.0966

Rectangle

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



50.2792, -37.2479, 17.5629



50.2802, -37.1763, -18.9789



50.2802, 44.8163, -18.6870



50.2802, 44.6795, 17.7013

Sweetspot

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



50.2802, -37.2484, 17.5633



73.3218, -25.4929, 9.0172



50.5156, -37.9060, 30.4636



34.5432, -13.2171, 4.6264



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



50.2802, -37.2484, 17.5633



67.7258, -50.3790, 24.1023



46.7711, -21.2624, -12.5598



27.3215, -3.9759, 1.9682



45.0050, -33.2803, 15.5902



6.0856, -4.0358, 1.1056

Inverse Universe

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



27.6199, 48.5978, 7.7722



37.1691, 65.3070, 11.1976



27.6303, 43.9234, 17.7941



25.8607, 1.2459, 0.9833



24.7318, 43.5461, 6.7404



3.4273, 6.2595, -0.8092

Previews

White Background



This preview shows how the HunterLab color 50.2792, -37.2479, 17.5629 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 50.2792, -37.2479, 17.5629 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 50.2792, -37.2479, 17.5629 Background



This preview shows how black text looks on a background with the HunterLab color 50.2792, -37.2479, 17.5629.



This preview shows how white text looks on a background with the HunterLab color 50.2792, -37.2479, 17.5629.

-37.2479, 17.5629.

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

50.2792, -37.2479, 17.5629

Protanopia

49.9690, -5.0691, 20.0031

Deuteranopia

49.8534, 3.5780, 16.1396



Tritanopia

50.2903, -20.1605, -9.6638

Trichromacy



Original Color

50.2792, -37.2479, 17.5629



Protanomaly

48.3962, -23.1347, 17.5663



Deuteranomaly

47.7851, -18.7368, 14.4705



Tritanomaly

49.9925, -27.8367, 1.8013

Monochromacy



Original Color

50.2792, -37.2479, 17.5629



Achromatopsia

37.2064, -1.9852, 2.0215



Achromatomaly

40.6364, -19.2659, 6.7391

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.2792, -37.2479, 17.5629 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, 158, 95)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 95)  
}
```

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, 158, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 50.2792, -37.2479, 17.5629 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, 158, 95) }
```


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

```
.border{ border-color:rgb(0, 158, 95) }
```

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

Here you see how a box with a 4 pixel rgb(0, 158, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 95);  
box-shadow:4px 4px 4px 4px rgb(0, 158, 95)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 50.2792, -37.2479, 17.5629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 95) }
```

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

```
.background{ background-color: rgb(0, 158,  
95) }
```

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