

Converting Colors

HunterLab(50.9964, -37.1924,
25.7964)

Have a look what the booklet for
HunterLab(50.9964, -37.1924,
25.7964) contains.

HunterLab(50.9542, -37.1668, 25.7727)	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(50.9542,
-37.1668, 25.7727)**

Conversions

Conversions Part 1

Format	Color
Hex	389F3C
RGB	56, 159, 60
RGB Percent	22%, 62%, 24%
CMY	0.7804, 0.3765, 0.7647
CMYK	0.65, 0.00, 0.62, 0.38
HSL	122°, 48%, 42%
HSV	122°, 65%, 62%
XYZ	14.8447, 25.9633, 8.5040
YIQ	116.9170, -29.6090, -52.6250

Conversions

Conversions Part 2

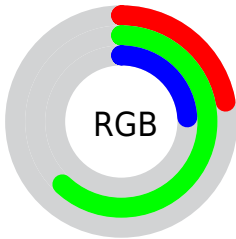
Format	Color
RYB	56, 155, 159
Decimal	3710780
CIELab	58.00, -49.71, 42.10
CIELCh	58, 65.142, 139.739
Yxy	25.9644, 0.3010, 0.5265
Android (android.graphics.Color)	4281900860 (0xFF389F3C)
YUV	116.9170, -28.0601, -53.4242
Hunter-Lab	50.9542, -37.1668, 25.7727

Details

The HunterLab color $50.9542, -37.1668, 25.7727$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $35.4489, 46.8772, -29.2027$, and the grayscale version is $42.2589, -2.2548, 2.2960$.

A 20% lighter version of the original color is $73.0708, -44.2314, 32.0489$, and $32.1198, -27.4453, 19.0996$ is the 20% darker color. If you saturate the color by 10%, you get $50.4359, -39.6139, 27.4994$, and if you desaturate by 10%, it is $51.6558, -33.9212, 23.5368$.

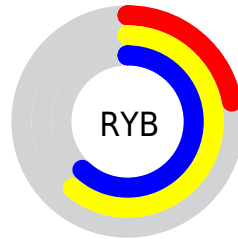
Distribution



Red (22%)

Green (62%)

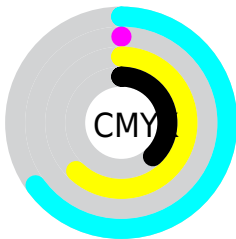
Blue (24%)



Red (22%)

Yellow (61%)

Blue (62%)

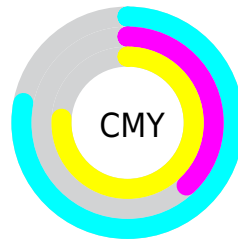


Cyan (65%)

Magenta (0%)

Yellow (62%)

Black (38%)



Cyan (78%)

Magenta (38%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.9542, -37.1668, 25.7727 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 50.9542, -37.1668, 25.7727 by changing the saturation by 10% instead.

■ 50.9542, -37.1668,
25.7727

■ 50.9542, -37.1668,
25.7727

168.1093,
-65.0156, 50.7653

■ 40.9841, -33.4105,
22.4290

■ 72.9503, -44.0891,
31.9623

■ 31.7645, -29.3747,
18.8633

■ 84.8952, -47.3321,
34.8689

■ 23.3636, -24.9595,
15.2577

■ 97.4291, -50.4653,
37.6797

■ 15.8706, -20.1160,
11.1094

■ 110.5255,
-53.5074, 40.4110

■ 9.4128, -16.4724,
6.5889

■ 124.1612,
-56.4729, 43.0756

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.3157,

-59.3734, 45.6842

0.0000, NaN, NaN

152.9705,
-62.2184, 48.2450

0.0000, NaN, NaN

■ 50.9542, -37.1668,
25.7727

■ 50.9542, -37.1668,
25.7727

■ 50.4359, -39.6139,
27.4994

■ 51.6558, -33.9212,
23.5368

■ 50.0848, -41.2907,
28.7292

■ 52.5455, -29.8762,
20.7972

■ 49.8829, -42.2687,
29.4972

■ 53.6284, -25.0612,
17.5766

■ 49.8105, -42.6155,
29.7358

■ 54.9051, -19.5258,
13.9104

■ 56.3732, -13.3349,
9.8426

■ 58.0279, -6.5622,
5.4221

■ 59.8625, 0.7152,
0.6993

■ 61.8691, 8.4214,
-4.2769

■ 64.0390, 16.4852,
-9.4609

Harmonies

Analogous

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



50.9553, -19.4041, 31.0580



50.9542, -37.1668, 25.7727



50.9553, -45.0672, 10.9571

Triad

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



50.9553, -37.1676, 25.7730



50.9553, -11.8172, -75.8820



50.9553, 57.3272, 17.0244

Complementary

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



50.9542, -37.1668, 25.7727



35.4489, 46.8772, -29.2027

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.



50.9553, 60.5703, -7.0424



50.9542, -37.1668, 25.7727



50.9553, 16.4285, -71.0889

Square

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



50.9553, -37.1676, 25.7730



50.9553, -32.6320, -52.5992



50.9553, 44.3218, -41.7132



50.9553, 36.2241, 28.1875

Rectangle

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



50.9542, -37.1668, 25.7727



50.9553, -45.1207, -6.5064



50.9553, 44.3218, -41.7132



50.9553, 60.6912, 10.5816

Sweetspot

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



50.9553, -37.1676, 25.7730



74.5083, -21.7433, 15.7280



56.6639, -14.9276, 30.7398



35.1281, -11.3794, 8.1618



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.



50.9553, -37.1676, 25.7730



67.2466, -54.1914, 37.6549



51.7536, -32.2965, 14.1174



27.2122, -4.5861, 3.5330



44.2686, -37.8623, 26.4018



5.9286, -5.0053, 3.3948

Inverse Universe

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



35.4489, 46.8772, -29.2027



43.9260, 73.5702, -45.6411



33.4672, 38.5839, -1.9365



25.9810, 1.8911, -0.7264



27.6318, 53.8827, -33.0155



3.7115, 7.2628, -4.6309

Previews

White Background



This preview shows how the HunterLab color 50.9542, -37.1668, 25.7727 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 50.9542, -37.1668, 25.7727 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 50.9542, -37.1668, 25.7727 Background



This preview shows how black text looks on a background with the HunterLab color 50.9542, -37.1668, 25.7727.



This preview shows how white text looks on a background with the HunterLab color 50.9542, -37.1668, 25.7727.

-37.1668, 25.7727.

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

50.9542, -37.1668, 25.7727

Protanopia

50.5980, -6.6136, 26.9729

Deuteranopia

50.4638, 3.2033, 24.7263



Tritanopia

50.8546, -16.4784, -8.2632

Trichromacy



Original Color

50.9542, -37.1668, 25.7727



Protanomaly

49.6939, -20.6422, 25.7959



Deuteranomaly

49.3911, -15.3092, 24.1632



Tritanomaly

50.6499, -25.9880, 8.4337

Monochromacy



Original Color

50.9542, -37.1668, 25.7727



Achromatopsia

42.1768, -2.2504, 2.2915



Achromatomaly

44.4747, -17.2991, 12.3495

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.9542, -37.1668, 25.7727 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(56, 159, 60)` looks like.

```
.text, #text, p{  
    color:rgb(56, 159, 60)  
}
```

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(56, 159, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 159, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 50.9542, -37.1668, 25.7727 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(56, 159, 60) }
```


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

```
.border{ border-color:rgb(56, 159, 60) }
```

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

Here you see how a box with a 4 pixel rgb(56, 159, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 159, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 159, 60);  
box-shadow:4px 4px 4px 4px rgb(56, 159,  
60) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.9542, -37.1668, 25.7727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 159, 60) }
```

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

```
.background{ background-color: rgb(56, 159,  
60) }
```

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