

Converting Colors

HunterLab(52.6645, -37.5657,
28.5277)

Have a look what the booklet for
HunterLab(52.6645, -37.5657,
28.5277) contains.

HunterLab(52.6131, -37.4308, 28.4901)	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(52.6131,
-37.4308, 28.4901)**

Conversions

Conversions Part 1

Format	Color
Hex	45A331
RGB	69, 163, 49
RGB Percent	27%, 64%, 19%
CMY	0.7294, 0.3608, 0.8078
CMYK	0.58, 0.00, 0.70, 0.36
HSL	109°, 54%, 42%
HSV	109°, 70%, 64%
XYZ	16.1058, 27.6814, 7.4000
YIQ	121.8980, -19.4300, -55.3820

Conversions

Conversions Part 2

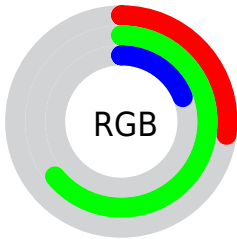
Format	Color
R_{YB}	49, 163, 143
Decimal	4563761
CIE _{Lab}	59.60, -49.18, 48.73
CIE _{LCh}	60, 69.229, 135.264
Yxy	27.6826, 0.3146, 0.5408
Android (android.graphics.Color)	4282753841 (0xFF45A331)
YUV	121.8980, -35.9387, -46.3915
Hunter-Lab	52.6131, -37.4308, 28.4901

Details

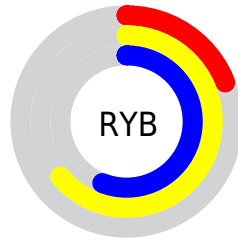
The HunterLab color $[52.6131, -37.4308, 28.4901]$ is a dark color, and the websafe version is hex 339933 . A complement of this color would be $[32.6830, 46.7855, -41.9035]$, and the grayscale version is $[44.2177, -2.3593, 2.4024]$.

A 20% lighter version of the original color is $[74.9097, -44.2772, 35.6392]$, and $[33.3944, -28.6357, 20.0762]$ is the 20% darker color. If you saturate the color by 10%, you get $[52.0882, -39.8385, 29.7859]$, and if you desaturate by 10%, it is $[53.2864, -34.3650, 26.6171]$.

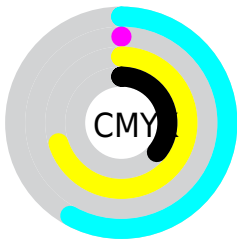
Distribution



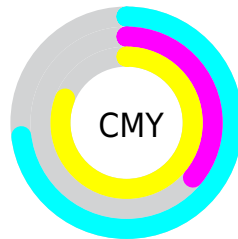
- Red (27%)
- Green (64%)
- Blue (19%)



- Red (19%)
- Yellow (64%)
- Blue (56%)



- Cyan (58%)
- Magenta (0%)
- Yellow (70%)
- Black (36%)



- Cyan (73%)
- Magenta (36%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.6131, -37.4308, 28.4901 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 52.6131, -37.4308, 28.4901 by changing the saturation by 10% instead.

■ 52.6131, -37.4308,
28.4901

■ 52.6131, -37.4308,
28.4901

170.5717,
-64.8972, 56.5871

■ 42.5282, -33.7498,
24.7068

■ 74.8179, -44.2342,
35.4923

■ 33.1845, -29.8052,
20.6822

■ 86.8589, -47.4284,
38.7738

■ 24.6475, -25.5055,
16.8647

■ 99.4843, -50.5178,
41.9409

■ 17.0021, -20.7027,
11.9015

■ 112.6683,
-53.5200, 45.0117

■ 10.3680, -18.1440,
7.2576

■ 126.3882,
-56.4490, 48.0008

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 140.6238,

-59.3159, 50.9201

0.0000, NaN, NaN

155.3571,
-62.1295, 53.7795

0.0000, NaN, NaN

■ 52.6131, -37.4308,
28.4901

■ 52.6131, -37.4308,
28.4901

■ 52.0882, -39.8385,
29.7859

■ 53.2864, -34.3650,
26.6171

■ 51.7000, -41.6067,
30.5484

■ 54.1102, -30.6388,
24.1454

■ 51.4318, -42.8194,
30.9390

■ 55.0885, -26.2714,
21.0739

■ 51.4304, -42.8258,
30.9414

■ 56.2217, -21.2957,
17.4175

■ 57.5086, -15.7552,
13.2034

■ 58.9463, -9.7006,
8.4680

■ 60.5307, -3.1865,
3.2537

■ 62.2565, 3.7316,
-2.3941

■ 64.1180, 10.9998,
-8.4290

Harmonies

Analogous

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



52.6142, -16.9660, 32.8918



52.6131, -37.4308, 28.4901



52.6142, -47.3005, 14.8539

Triad

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



52.6142, -37.4317, 28.4904



52.6142, -16.5134, -80.9625



52.6142, 64.0917, 15.2126

Complementary

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



52.6131, -37.4308, 28.4901



32.6830, 46.7855, -41.9035

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.



52.6142, 64.2890, -12.8455



52.6131, -37.4308, 28.4901



52.6142, 13.0211, -80.6667

Square

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



52.6142, -37.4317, 28.4904



52.6142, -37.1637, -51.9089



52.6142, 44.0092, -51.2411



52.6142, 43.5183, 28.6280

Rectangle

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



52.6131, -37.4308, 28.4901



52.6142, -48.3224, -2.3474



52.6142, 44.0092, -51.2411



52.6142, 66.6714, 7.5913

Sweetspot

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



52.6142, -37.4317, 28.4904



76.6966, -22.2057, 18.5330



52.3311, -5.1189, 28.8639



36.1283, -11.4636, 9.5029



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



52.6142, -37.4317, 28.4904



69.3919, -54.7451, 40.5163



52.4463, -37.2966, 21.9239



28.1993, -4.4311, 3.8843



45.3552, -37.6850, 27.2879



6.6930, -4.9635, 4.0373

Inverse Universe

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



32.6830, 46.7855, -41.9035



39.5366, 72.2993, -67.4327



33.9318, 45.9773, -13.3130



26.7190, 1.6221, -1.0445



24.5721, 50.4440, -48.9545



3.7736, 7.6067, -6.4322

Previews

White Background



This preview shows how the HunterLab color 52.6131, -37.4308, 28.4901 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 52.6131, -37.4308, 28.4901 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 52.6131, -37.4308, 28.4901 Background



This preview shows how black text looks on a background with the HunterLab color 52.6131, -37.4308, 28.4901.



This preview shows how white text looks on a background with the HunterLab color 52.6131, -37.4308, 28.4901.

-37.4308, 28.4901.

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

52.6131, -37.4308, 28.4901

Protanopia

52.2497, -6.8010, 29.3730

Deuteranopia

52.2218, 3.3790, 27.5403



Tritanopia

52.4061, -15.2667, -7.7104

Trichromacy



Original Color

52.6131, -37.4308, 28.4901

Protanomaly

51.4995, -20.2766, 28.4030

Deuteranomaly

51.2219, -14.8897, 27.1183

Tritanomaly

52.0259, -25.6593, 10.6257

Monochromacy



Original Color

52.6131, -37.4308, 28.4901

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

46.4770, -17.5624, 14.5203

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.6131, -37.4308, 28.4901 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(69, 163, 49)` looks like.

```
.text, #text, p{  
    color:rgb(69, 163, 49)  
}
```

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(69, 163, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 163, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 52.6131, -37.4308, 28.4901 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(69, 163, 49) }
```


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

```
.border{ border-color:rgb(69, 163, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 163, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 163, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 163, 49);  
box-shadow:4px 4px 4px 4px rgb(69, 163,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.6131, -37.4308, 28.4901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 163, 49) }
```

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

```
.background{ background-color: rgb(69, 163,  
49) }
```

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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