

Converting Colors

HunterLab(45.3582, -27.4833,
19.1582)

Have a look what the booklet for
HunterLab(45.3582, -27.4833,
19.1582) contains.

HunterLab(45.3617, -27.5221, 19.2310)	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(45.3617,
-27.5221, 19.2310)**

Conversions

Conversions Part 1

Format	Color
Hex	478C49
RGB	71, 140, 73
RGB Percent	28%, 55%, 29%
CMY	0.7216, 0.4510, 0.7137
CMYK	0.49, 0.00, 0.48, 0.45
HSL	122°, 33%, 41%
HSV	122°, 49%, 55%
XYZ	13.1793, 20.5768, 9.5805
YIQ	111.7310, -19.6170, -35.4650

Conversions

Conversions Part 2

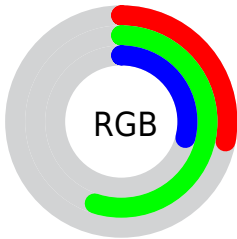
Format	Color
R_{YB}	71, 138, 140
Decimal	4688969
CIE _{Lab}	52.48, -36.39, 29.12
CIE _{LCh}	52, 46.609, 141.336
Yxy	20.5777, 0.3041, 0.4748
Android (android.graphics.Color)	4282879049 (0xFF478C49)
YUV	111.7310, -19.0944, -35.7211
Hunter-Lab	45.3617, -27.5221, 19.2310

Details

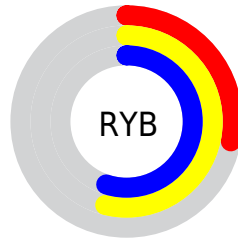
The HunterLab color $[45.3617, -27.5221, 19.2310]$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $[34.5214, 30.8842, -19.4848]$, and the grayscale version is $[40.2269, -2.1464, 2.1856]$.

A 20% lighter version of the original color is $[66.5573, -32.8560, 23.7443]$, and $[27.0009, -21.4900, 14.1156]$ is the 20% darker color. If you saturate the color by 10%, you get $[44.6620, -30.7340, 21.4156]$, and if you desaturate by 10%, it is $[46.2276, -23.6395, 16.6173]$.

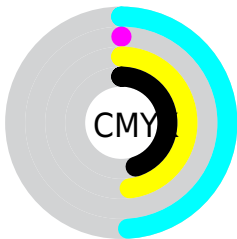
Distribution



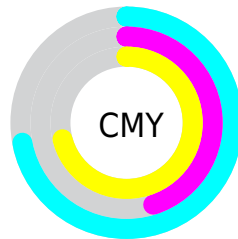
- Red (28%)
- Green (55%)
- Blue (29%)



- Red (28%)
- Yellow (54%)
- Blue (55%)



- Cyan (49%)
- Magenta (0%)
- Yellow (48%)
- Black (45%)



- Cyan (72%)
- Magenta (45%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.3617, -27.5221, 19.2310 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 45.3617, -27.5221, 19.2310 by changing the saturation by 10% instead.

■ 45.3617, -27.5221,
19.2310

■ 45.3617, -27.5221,
19.2310

159.6952,
-49.5658, 38.2643

■ 35.7990, -24.6022,
16.7451

■ 66.6211, -32.9248,
23.8521

■ 27.0217, -21.4652,
14.0879

■ 78.2281, -35.4705,
26.0389

■ 19.1089, -18.0198,
11.2837

■ 90.4404, -37.9408,
28.1668

■ 12.1680, -15.0564,
8.5176

■ 103.2294,
-40.3500, 30.2479

■ 5.2442, -9.1773,
3.6709

■ 116.5702,
-42.7092, 32.2915

0.0000, NaN, NaN

0.0000, NaN, NaN

130.4407,

-45.0272, 34.3050

0.0000, NaN, NaN

144.8216,
-47.3108, 36.2944

0.0000, NaN, NaN

■ 45.3617, -27.5221,
19.2310

■ 45.3617, -27.5221,
19.2310

■ 44.6620, -30.7340,
21.4156

■ 46.2276, -23.6395,
16.6173

■ 44.1207, -33.2576,
23.1571

■ 47.2584, -19.1193,
13.5988

■ 43.7307, -35.1028,
24.4581

■ 48.4539, -14.0125,
10.2105

■ 43.4791, -36.3074,
25.3385

■ 49.8110, -8.3790,
6.4926

■ 43.3295, -37.0260,
25.8536

■ 51.3247, -2.2835,
2.4880

■ 43.3196, -37.0732,
25.8847

■ 52.9886, 4.2087,
-1.7604

■ 54.7956, 11.0349,
-6.2119

■ 56.7380, 18.1376,
-10.8293

■ 58.8080, 25.4652,
-15.5795

Harmonies

Analogous

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



45.3627, -14.9391, 24.3502



45.3617, -27.5221, 19.2310



45.3627, -33.1295, 7.3890

Triad

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



45.3627, -27.5228, 19.2313



45.3627, -7.7852, -46.9328



45.3627, 36.7732, 13.3612

Complementary

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



45.3617, -27.5221, 19.2310



34.5214, 30.8842, -19.4848

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.



45.3627, 39.5348, -3.0719



45.3617, -27.5221, 19.2310



45.3627, 11.6173, -43.1659

Square

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



45.3627, -27.5228, 19.2313



45.3627, -23.0259, -33.8123



45.3627, 29.6959, -24.9792



45.3627, 22.6736, 22.0588

Rectangle

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



45.3617, -27.5221, 19.2310



45.3627, -32.9190, -4.8897



45.3627, 29.6959, -24.9792



45.3627, 39.1408, 8.7704

Sweetspot

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



45.3627, -27.5228, 19.2313



65.0257, -15.7148, 11.6466



49.6873, -11.0124, 23.3108



31.0566, -8.2009, 6.0249



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



45.3627, -27.5228, 19.2313



59.2229, -41.1681, 28.6820



45.9901, -23.7669, 10.1138



23.6863, -3.9419, 3.0592



40.8340, -34.9415, 24.3897



3.3322, -2.8226, 1.9283

Inverse Universe

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



34.5214, 30.8842, -19.4848



42.3918, 50.2961, -31.8715



33.3000, 25.2693, -2.5239



22.6418, 1.5901, -0.6151



25.5587, 49.9457, -31.3565



2.0919, 4.1013, -2.6695

Previews

White Background



This preview shows how the HunterLab color 45.3617, -27.5221, 19.2310 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 45.3617, -27.5221, 19.2310 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 45.3617, -27.5221, 19.2310 Background



This preview shows how black text looks on a background with the HunterLab color 45.3617, -27.5221, 19.2310.



This preview shows how white text looks on a background with the HunterLab color 45.3617,

-27.5221, 19.2310.

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

45.3617, -27.5221, 19.2310

Protanopia

45.1696, -5.1743, 20.5643

Deuteranopia

44.9753, 2.8517, 18.2617



Tritanopia

45.2373, -11.9004, -6.3925

Trichromacy



Original Color

45.3617, -27.5221, 19.2310

Protanomaly

44.6298, -14.5162, 19.5488

Deuteranomaly

44.4584, -10.4346, 18.0939

Tritanomaly

45.1501, -18.4163, 4.9916

Monochromacy



Original Color

45.3617, -27.5221, 19.2310

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

41.6441, -12.4661, 8.9910

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.3617, -27.5221, 19.2310 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(71, 140, 73)` looks like.

```
.text, #text, p{  
    color:rgb(71, 140, 73)  
}
```

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(71, 140, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 140, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 45.3617, -27.5221, 19.2310 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(71, 140, 73) }
```


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

```
.border{ border-color:rgb(71, 140, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 140, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 140, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 140, 73);  
box-shadow:4px 4px 4px 4px rgb(71, 140,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.3617, -27.5221, 19.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 140, 73) }
```

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

```
.background{ background-color: rgb(71, 140,  
73) }
```

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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