

Converting Colors

HunterLab(47.5448, -27.5703,
16.7124)

Have a look what the booklet for
HunterLab(47.5448, -27.5703,
16.7124) contains.

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Color

**HunterLab(47.6576,
-27.6981, 16.8476)**

Conversions

Conversions Part 1

Format	Color
Hex	49925A
RGB	73, 146, 90
RGB Percent	29%, 57%, 35%
CMY	0.7137, 0.4274, 0.6471
CMYK	0.50, 0.00, 0.38, 0.43
HSL	134°, 33%, 43%
HSV	134°, 50%, 57%
XYZ	14.8720, 22.7125, 13.2730
YIQ	117.7890, -25.5320, -32.8920

Conversions

Conversions Part 2

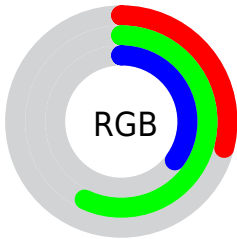
Format	Color
R_{YB}	73, 132, 146
Decimal	4821594
CIE _{Lab}	54.78, -35.63, 22.86
CIE _{LCh}	55, 42.336, 147.320
Yxy	22.7134, 0.2924, 0.4466
Android (android.graphics.Color)	4283011674 (0xFF49925A)
YUV	117.7890, -13.7000, -39.2800
Hunter-Lab	47.6576, -27.6981, 16.8476

Details

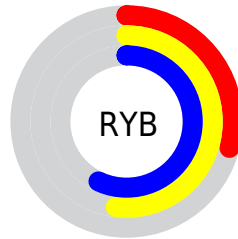
The HunterLab color $47.6576, -27.6981, 16.8476$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $35.3009, 30.2513, -12.6020$, and the grayscale version is $42.5410, -2.2699, 2.3113$.

A 20% lighter version of the original color is $69.3772, -33.1637, 20.6339$, and $29.0727, -21.9627, 12.8690$ is the 20% darker color. If you saturate the color by 10%, you get $46.9382, -30.9866, 19.0846$, and if you desaturate by 10%, it is $48.5361, -23.7966, 14.3879$.

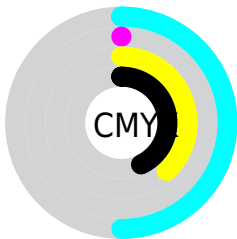
Distribution



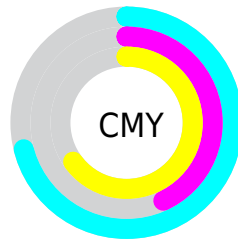
- Red (29%)
- Green (57%)
- Blue (35%)



- Red (29%)
- Yellow (52%)
- Blue (57%)



- Cyan (50%)
- Magenta (0%)
- Yellow (38%)
- Black (43%)



- Cyan (71%)
- Magenta (43%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6576, -27.6981, 16.8476 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 47.6576, -27.6981, 16.8476 by changing the saturation by 10% instead.

■ 47.6576, -27.6981,
16.8476

■ 47.6576, -27.6981,
16.8476

163.1716,
-49.2617, 32.8521

■ 37.9237, -24.8721,
14.8457

■ 69.2259, -32.9524,
20.6291

■ 28.9601, -21.8505,
12.7303

■ 80.9745, -35.4371,
22.4445

■ 20.8410, -18.5539,
10.4537

■ 93.3213, -37.8525,
24.2257

■ 13.6656, -14.9691,
8.7723

■ 106.2389,
-40.2118, 25.9810

■ 7.2713, -12.7248,
5.0899

■ 119.7029,
-42.5250, 27.7169

0.0000, NaN, NaN

0.0000, NaN, NaN

133.6920,

-44.8003, 29.4381

0.0000, NaN, NaN

148.1873,
-47.0441, 31.1488

0.0000, NaN, NaN

■ 47.6576, -27.6981,
16.8476

■ 47.6576, -27.6981,
16.8476

■ 46.9382, -30.9866,
19.0846

■ 48.5361, -23.7966,
14.3879

■ 46.3705, -33.6436,
21.0730

■ 49.5723, -19.3128,
11.7331

■ 45.9481, -35.6741,
22.7940

■ 50.7662, -14.2927,
8.9149

■ 45.6595, -37.1067,
24.2354

■ 52.1151, -8.7896,
5.9648

■ 45.4689, -38.0827,
25.3775

■ 53.6146, -2.8610,
2.9131

■ 55.2592, 3.4351,
-0.2119

■ 57.0424, 10.0427,
-3.3853

■ 58.9573, 16.9098,
-6.5855

■ 60.9968, 23.9897,
-9.7947

Harmonies

Analogous

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



47.6586, -17.0322, 23.1763



47.6576, -27.6981, 16.8476



47.6586, -31.7257, 4.0674

Triad

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



47.6586, -27.6988, 16.8480



47.6586, -4.1094, -41.7597



47.6586, 31.2018, 15.0752

Complementary

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



47.6576, -27.6981, 16.8476



35.3009, 30.2513, -12.6020

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.



47.6586, 35.9575, 1.0724



47.6576, -27.6981, 16.8476



47.6586, 13.9093, -35.5274

Square

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



47.6586, -27.6988, 16.8480



47.6586, -19.3938, -32.9963



47.6586, 29.2271, -18.1377



47.6586, 17.0268, 22.4429

Rectangle

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



47.6576, -27.6981, 16.8476



47.6586, -30.6126, -7.9577



47.6586, 29.2271, -18.1377



47.6586, 34.0367, 11.1768

Sweetspot

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



47.6586, -27.6988, 16.8480



68.2423, -15.6254, 10.0194



50.7940, -16.0878, 23.6595



32.0309, -8.0089, 5.0702



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



47.6586, -27.6988, 16.8480



62.2397, -41.6285, 25.6863



48.4397, -23.0489, 5.5658



25.4740, -4.0667, 2.7937



42.6564, -35.7020, 23.7535



4.7606, -3.6918, 2.0193

Inverse Universe

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



35.3009, 30.2513, -12.6020



43.0099, 49.2884, -19.9701



34.1745, 25.0372, 3.2527



24.2617, 1.5247, -0.1012



25.3193, 47.4398, -15.2640



2.8804, 5.5281, -2.7533

Previews

White Background



This preview shows how the HunterLab color 47.6576, -27.6981, 16.8476 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 47.6576, -27.6981, 16.8476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

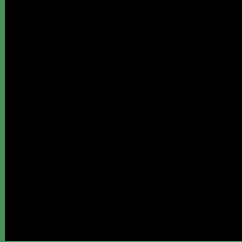
Any Text WCAG AA ✓ Pass

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 47.6576, -27.6981, 16.8476 Background



This preview shows how black text looks on a background with the HunterLab color 47.6576, -27.6981, 16.8476.



This preview shows how white text looks on a background with the HunterLab color 47.6576, -27.6981, 16.8476.

-27.6981, 16.8476.

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

47.6576, -27.6981, 16.8476

Protanopia

47.2823, -4.4532, 18.5396

Deuteranopia

47.2900, 3.0220, 15.6191



Tritanopia

47.6377, -13.4159, -6.7927

Trichromacy



Original Color

47.6576, -27.6981, 16.8476

Protanomaly

46.9703, -14.4772, 17.5762

Deuteranomaly

46.8245, -10.1962, 15.5617

Tritanomaly

47.6428, -19.4987, 3.6013

Monochromacy



Original Color

47.6576, -27.6981, 16.8476

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

43.9839, -12.4227, 7.7607

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6576, -27.6981, 16.8476 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(73, 146, 90)` looks like.

```
.text, #text, p{  
    color:rgb(73, 146, 90)  
}
```

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(73, 146, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 146, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6576, -27.6981, 16.8476 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(73, 146, 90) }
```


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

```
.border{ border-color:rgb(73, 146, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 146, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 146, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 146, 90);  
box-shadow:4px 4px 4px 4px rgb(73, 146,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6576, -27.6981, 16.8476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 146, 90) }
```

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

```
.background{ background-color: rgb(73, 146,  
90) }
```

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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