

Converting Colors

HunterLab(49.0508, -27.2287,
18.0073)

Have a look what the booklet for
HunterLab(49.0508, -27.2287,
18.0073) contains.

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Color

**HunterLab(49.0173,
-27.2507, 18.0271)**

Conversions

Conversions Part 1

Format	Color
Hex	52955A
RGB	82, 149, 90
RGB Percent	32%, 58%, 35%
CMY	0.6784, 0.4157, 0.6471
CMYK	0.45, 0.00, 0.40, 0.42
HSL	127°, 29%, 45%
HSV	127°, 45%, 58%
XYZ	16.0726, 24.0270, 13.4634
YIQ	122.2410, -20.9930, -32.5530

Conversions

Conversions Part 2

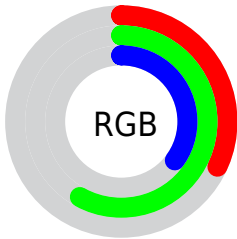
Format	Color
R_{YB}	82, 142, 149
Decimal	5412186
CIE _{Lab}	56.12, -34.35, 24.70
CIE _{LCh}	56, 42.304, 144.281
Yxy	24.0280, 0.3001, 0.4486
Android (android.graphics.Color)	4283602266 (0xFF52955A)
YUV	122.2410, -15.8948, -35.2914
Hunter-Lab	49.0173, -27.2507, 18.0271

Details

The HunterLab color $49.0173, -27.2507, 18.0271$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $37.8784, 28.9996, -15.5969$, and the grayscale version is $44.2760, -2.3625, 2.4056$.

A 20% lighter version of the original color is $70.8941, -32.4348, 22.0421$, and $30.2600, -21.7934, 13.7864$ is the 20% darker color. If you saturate the color by 10%, you get $48.1942, -30.9875, 20.5440$, and if you desaturate by 10%, it is $50.0136, -22.8474, 15.1678$.

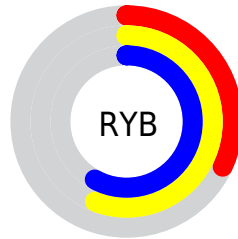
Distribution



Red (32%)

Green (58%)

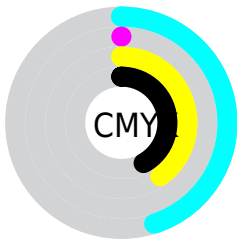
Blue (35%)



Red (32%)

Yellow (56%)

Blue (58%)

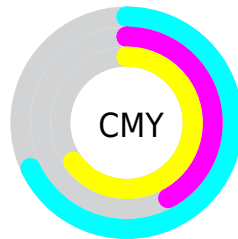


Cyan (45%)

Magenta (0%)

Yellow (40%)

Black (42%)



Cyan (68%)

Magenta (42%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0173, -27.2507, 18.0271 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 49.0173, -27.2507, 18.0271 by changing the saturation by 10% instead.

■ 49.0173, -27.2507,
18.0271

■ 49.0173, -27.2507,
18.0271

165.2156,
-48.1584, 34.8413

■ 39.1846, -24.5358,
15.9080

■ 70.7643, -32.3184,
22.0215

■ 30.1139, -21.6428,
13.6670

■ 82.5947, -34.7221,
23.9343

■ 21.8766, -18.5008,
11.2556

■ 95.0196, -37.0625,
25.8080

■ 14.5677, -14.9877,
9.3186

■ 108.0117,
-39.3518, 27.6516

■ 8.2283, -14.3996,
5.7598

■ 121.5472,
-41.5993, 29.4719

0.0000, NaN, NaN

0.0000, NaN, NaN

135.6052,

-43.8124, 31.2742

0.0000, NaN, NaN

150.1670,
-45.9972, 33.0628

0.0000, NaN, NaN

■ 49.0173, -27.2507,
18.0271

■ 49.0173, -27.2507,
18.0271

■ 48.1942, -30.9875,
20.5440

■ 50.0136, -22.8474,
15.1678

■ 47.5381, -34.0288,
22.6920

■ 51.1803, -17.8193,
11.9977

■ 47.0432, -36.3706,
24.4562

■ 52.5164, -12.2233,
8.5549

■ 46.6989, -38.0342,
25.8331

■ 54.0177, -6.1226,
4.8789

■ 46.4886, -39.0772,
26.8320

■ 55.6786, 0.4168,
1.0091

■ 46.4100, -39.4658,
27.1869

■ 57.4921, 7.3302,
-3.0173

■ 59.4509, 14.5564,
-7.1664

■ 61.5470, 22.0399,
-11.4084

■ 63.7724, 29.7316,
-15.7180

Harmonies

Analogous

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



49.0183, -15.8138, 23.9235



49.0173, -27.2507, 18.0271



49.0183, -32.0348, 5.7789

Triad

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



49.0183, -27.2515, 18.0275



49.0183, -5.9559, -41.5790



49.0183, 32.3309, 14.1787

Complementary

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



49.0173, -27.2507, 18.0271



37.8784, 28.9996, -15.5969

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.



49.0183, 35.9487, -0.6608



49.0173, -27.2507, 18.0271



49.0183, 12.1403, -36.8495

Square

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



49.0183, -27.2515, 18.0275



49.0183, -20.9077, -31.4666



49.0183, 28.1072, -20.1823



49.0183, 18.8214, 22.3152

Rectangle

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



49.0173, -27.2507, 18.0271



49.0183, -31.3741, -5.9869



49.0183, 28.1072, -20.1823



49.0183, 34.8174, 9.9859

Sweetspot

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



49.0183, -27.2515, 18.0275



70.6044, -15.0121, 10.6309



52.7107, -13.3838, 23.2665



33.0547, -7.8204, 5.4624



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



49.0183, -27.2515, 18.0275



64.4810, -41.5260, 27.5323



49.7271, -23.0456, 7.7706



25.4539, -4.1788, 3.0813



42.5790, -36.1866, 24.8965



4.7339, -3.8580, 2.4114

Inverse Universe

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



37.8784, 28.9996, -15.5969



46.8625, 48.0805, -25.7975



36.7431, 23.6418, 0.3032



24.2845, 1.6469, -0.4250



26.0087, 49.8725, -24.5255



2.9241, 5.6808, -3.3285

Previews

White Background



This preview shows how the HunterLab color 49.0173, -27.2507, 18.0271 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 49.0173, -27.2507, 18.0271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

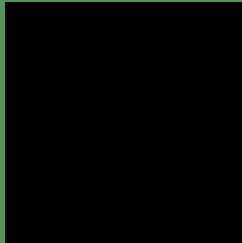
Any Text WCAG AA ✓ Pass

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 49.0173, -27.2507, 18.0271 Background



This preview shows how black text looks on a background with the HunterLab color 49.0173, -27.2507, 18.0271.



This preview shows how white text looks on a background with the HunterLab color 49.0173,

-27.2507, 18.0271.

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

49.0173, -27.2507, 18.0271

Protanopia

48.7866, -4.9584, 19.7820

Deuteranopia

48.6163, 3.3439, 16.8123



Tritanopia

49.1251, -12.4010, -6.3194

Trichromacy



Original Color

49.0173, -27.2507, 18.0271

Protanomaly

48.3198, -14.0730, 18.7252

Deuteranomaly

48.1912, -9.7361, 16.7838

Tritanomaly

49.0782, -18.7138, 4.4007

Monochromacy



Original Color

49.0173, -27.2507, 18.0271

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

45.5567, -12.6089, 8.6522

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0173, -27.2507, 18.0271 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(82, 149, 90)` looks like.

```
.text, #text, p{  
    color:rgb(82, 149, 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(82, 149, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 149, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0173, -27.2507, 18.0271 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(82, 149, 90) }
```


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

```
.border{ border-color:rgb(82, 149, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 149, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 149, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 149, 90);  
box-shadow:4px 4px 4px 4px rgb(82, 149,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0173, -27.2507, 18.0271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 149, 90) }
```

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

```
.background{ background-color: rgb(82, 149,  
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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