

Converting Colors

HunterLab(49.9376, -27.2435,
10.8332)

Have a look what the booklet for
HunterLab(49.9376, -27.2435,
10.8332) contains.

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Color

**HunterLab(50.0195,
-27.2018, 10.7603)**

Conversions

Conversions Part 1

Format	Color
Hex	469874
RGB	70, 152, 116
RGB Percent	27%, 60%, 45%
CMY	0.7255, 0.4039, 0.5451
CMYK	0.54, 0.00, 0.24, 0.40
HSL	154°, 37%, 44%
HSV	154°, 54%, 60%
XYZ	16.9064, 25.0195, 20.4611
YIQ	123.3780, -37.3160, -28.5800

Conversions

Conversions Part 2

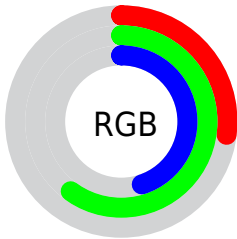
Format	Color
RYB	70, 123, 152
Decimal	4626548
CIELab	57.10, -33.87, 11.47
CIELCh	57, 35.757, 161.292
Yxy	25.0205, 0.2710, 0.4010
Android (android.graphics.Color)	4282816628 (0xFF469874)
YUV	123.3780, -3.6374, -46.8125
Hunter-Lab	50.0195, -27.2018, 10.7603

Details

The HunterLab color $50.0195, -27.2018, 10.7603$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $34.7807, 30.1857, -1.2861$, and the grayscale version is $44.6775, -2.3839, 2.4274$.

A 20% lighter version of the original color is $71.9291, -32.3367, 13.2200$, and $30.8839, -21.6049, 8.1534$ is the 20% darker color. If you saturate the color by 10%, you get $49.3712, -30.1019, 12.4094$, and if you desaturate by 10%, it is $50.8135, -23.7665, 9.1544$.

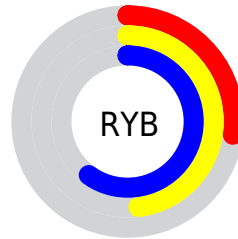
Distribution



Red (27%)

Green (60%)

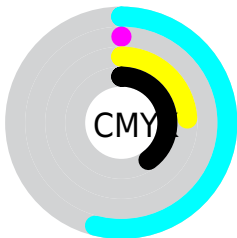
Blue (45%)



Red (27%)

Yellow (48%)

Blue (60%)

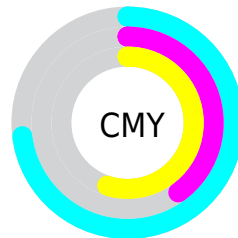


Cyan (54%)

Magenta (0%)

Yellow (24%)

Black (40%)



Cyan (73%)

Magenta (40%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0195, -27.2018, 10.7603 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 50.0195, -27.2018, 10.7603 by changing the saturation by 10% instead.

■ 50.0195, -27.2018,
10.7603

■ 50.0195, -27.2018,
10.7603

166.7153,
-47.8461, 21.7138

■ 40.1153, -24.5340,
9.5412

■ 71.8961, -32.1917,
13.1688

■ 30.9669, -21.6971,
8.2973

■ 83.7861, -34.5625,
14.3697

■ 22.6443, -18.6246,
7.0108

■ 96.2677, -36.8728,
15.5738

■ 15.2393, -15.2028,
5.6492

■ 109.3140,
-39.1343, 16.7837

■ 8.8629, -15.5100,
5.8465

■ 122.9016,
-41.3559, 18.0014

0.0000, NaN, NaN

0.0000, NaN, NaN

137.0098,

-43.5448, 19.2283

0.0000, NaN, NaN

151.6199,
-45.7066, 20.4655

0.0000, NaN, NaN

■ 50.0195, -27.2018,
10.7603

■ 50.0195, -27.2018,
10.7603

■ 49.3712, -30.1019,
12.4094

■ 50.8135, -23.7665,
9.1544

■ 48.8599, -32.4617,
14.0779

■ 51.7532, -19.8124,
7.6105

■ 48.4775, -34.2970,
15.7423

■ 52.8407, -15.3702,
6.1466

■ 48.2112, -35.6453,
17.3771

■ 54.0749, -10.4786,
4.7769

■ 48.0807, -36.3276,
18.3243

■ 55.4530, -5.1817,
3.5127

■ 56.9714, 0.4735,
2.3616

■ 58.6249, 6.4403,
1.3285

■ 60.4082, 12.6734,
0.4154

■ 62.3151, 19.1308,
-0.3782

Harmonies

Analogous

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



50.0205, -20.3462, 19.2848



50.0195, -27.2018, 10.7603



50.0205, -27.9696, -2.9637

Triad

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



50.0205, -27.2024, 10.7608



50.0205, 3.1126, -32.4259



50.0205, 20.9417, 17.6765

Complementary

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



50.0195, -27.2018, 10.7603



34.7807, 30.1857, -1.2861

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.



50.0205, 28.9332, 7.8112



50.0195, -27.2018, 10.7603



50.0205, 17.8587, -22.6443

Square

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



50.0205, -27.2024, 10.7608



50.0205, -11.6060, -30.9336



50.0205, 27.7427, -6.9199



50.0205, 6.9374, 22.3869

Rectangle

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



50.0195, -27.2018, 10.7603



50.0205, -25.0452, -13.7604



50.0205, 27.7427, -6.9199



50.0205, 24.4909, 14.9983

Sweetspot

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



50.0205, -27.2024, 10.7608



71.4358, -15.5087, 6.7644



51.0092, -24.9269, 24.2598



33.9071, -7.9840, 3.3857



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



50.0205, -27.2024, 10.7608



65.4185, -40.7818, 16.9990



49.7178, -19.6228, -5.1341



26.4210, -3.8772, 2.0125



44.0331, -33.2199, 16.6746



5.4514, -3.6481, 1.0614

Inverse Universe

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



34.7807, 30.1857, -1.2861



41.8083, 49.1702, -0.7761



34.6830, 24.2783, 11.8906



25.0309, 1.2349, 0.8388



24.3728, 43.1471, 4.8353



3.0975, 5.7006, -1.0684

Previews

White Background



This preview shows how the HunterLab color 50.0195, -27.2018, 10.7603 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 50.0195, -27.2018, 10.7603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

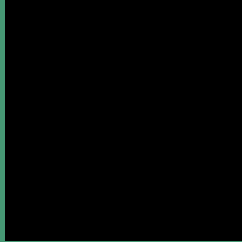
Any Text WCAG AA ✓ Pass

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 50.0195, -27.2018, 10.7603 Background



This preview shows how black text looks on a background with the HunterLab color 50.0195, -27.2018, 10.7603.



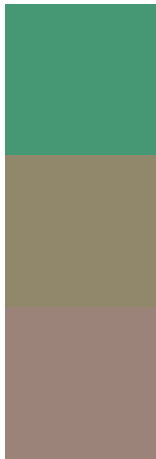
This preview shows how white text looks on a background with the HunterLab color 50.0195,

-27.2018, 10.7603.

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

50.0195, -27.2018, 10.7603

Protanopia

49.7099, -3.7282, 13.6442

Deuteranopia

49.5799, 3.5477, 8.9811



Tritanopia

49.8652, -15.6077, -8.0082

Trichromacy



Original Color

50.0195, -27.2018, 10.7603

Protanomaly

49.3409, -13.9441, 12.0881

Deuteranomaly

49.0737, -9.9499, 8.9786

Tritanomaly

49.7822, -20.1047, -0.6261

Monochromacy



Original Color

50.0195, -27.2018, 10.7603

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

46.2053, -12.7737, 5.4466

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0195, -27.2018, 10.7603 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(70, 152, 116)` looks like.

```
.text, #text, p{  
  color:rgb(70, 152, 116)  
}
```

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(70, 152, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 152, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0195, -27.2018, 10.7603 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(70, 152, 116) }
```


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

```
.border{ border-color:rgb(70, 152, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 152, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 152, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 152, 116);  
box-shadow:4px 4px 4px 4px rgb(70, 152,  
116) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0195, -27.2018, 10.7603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 152, 116) }
```

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

```
.background{ background-color: rgb(70, 152,  
116) }
```

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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