

Converting Colors

HunterLab(47.8673, -28.5970,
8.2360)

Have a look what the booklet for
HunterLab(47.8673, -28.5970,
8.2360) contains.

HunterLab(47.9579, -28.6936, 8.2428)	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(47.9579,
-28.6936, 8.2428)**

Conversions

Conversions Part 1

Format	Color
Hex	2C9475
RGB	44, 148, 117
RGB Percent	17%, 58%, 46%
CMY	0.8274, 0.4196, 0.5412
CMYK	0.70, 0.00, 0.21, 0.42
HSL	162°, 54%, 38%
HSV	162°, 70%, 58%
XYZ	14.8395, 22.9996, 20.4868
YIQ	113.3700, -52.0330, -31.6890

Conversions

Conversions Part 2

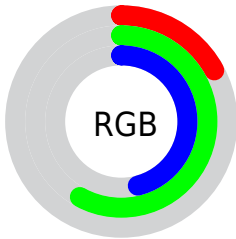
Format	Color
RYB	44, 105, 148
Decimal	2921589
CIELab	55.07, -37.11, 7.93
CIElCh	55, 37.949, 167.932
Yxy	23.0005, 0.2544, 0.3943
Android (android.graphics.Color)	4281111669 (0xFF2C9475)
YUV	113.3700, 1.7896, -60.8375
Hunter-Lab	47.9579, -28.6936, 8.2428

Details

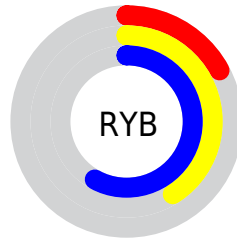
The HunterLab color $47.9579, -28.6936, 8.2428$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $29.3357, 36.1864, 5.2547$, and the grayscale version is $40.7872, -2.1763, 2.2160$.

A 20% lighter version of the original color is $69.6559, -34.1898, 10.3730$, and $29.6571, -20.2587, 6.6640$ is the 20% darker color. If you saturate the color by 10%, you get $47.5687, -30.4843, 9.4563$, and if you desaturate by 10%, it is $48.4717, -26.4240, 7.1162$.

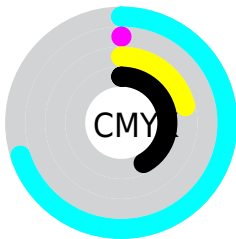
Distribution



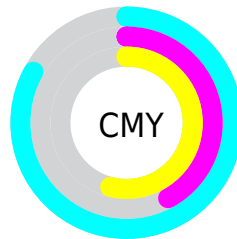
- Red (17%)
- Green (58%)
- Blue (46%)



- Red (17%)
- Yellow (41%)
- Blue (58%)



- Cyan (70%)
- Magenta (0%)
- Yellow (21%)
- Black (42%)



- Cyan (83%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9579, -28.6936, 8.2428 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 47.9579, -28.6936, 8.2428 by changing the saturation by 10% instead.

■ 47.9579, -28.6936,
8.2428

■ 47.9579, -28.6936,
8.2428

163.6238,
-50.9175, 17.7035

■ 38.2019, -25.7686,
7.2446

■ 69.5659, -34.1237,
10.2560

■ 29.2145, -22.6386,
6.2426

■ 81.3326, -36.6882,
11.2771

■ 21.0691, -19.2214,
5.2254

■ 93.6968, -39.1790,
12.3109

■ 13.8639, -15.5057,
4.1712

■ 106.6309,
-41.6099, 13.3587

■ 7.4940, -13.1145,
4.7964

■ 120.1108,
-43.9916, 14.4213

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 134.1153,

-46.3324, 15.4994

0.0000, NaN, NaN

148.6253,
-48.6392, 16.5934

0.0000, NaN, NaN

■ 47.9579, -28.6936,
8.2428

■ 47.9579, -28.6936,
8.2428

■ 47.5687, -30.4843,
9.4563

■ 48.4717, -26.4240,
7.1162

■ 47.2903, -31.8242,
10.7334

■ 49.1148, -23.6634,
6.0935

■ 47.0932, -32.8235,
11.9942

■ 49.8930, -20.4166,
5.1906

■ 50.8091, -16.7004,
4.4194

■ 51.8636, -12.5420,
3.7884

■ 53.0554, -7.9758,
3.3025

■ 54.3821, -3.0408,
2.9638

■ 55.8401, 2.2219,
2.7712

■ 57.4249, 7.7707,
2.7216

Harmonies

Analogous

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



47.9588, -23.0079, 18.1607



47.9579, -28.6936, 8.2428



47.9588, -28.0732, -7.1172

Triad

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



47.9588, -28.6940, 8.2433



47.9588, 7.1082, -33.6124



47.9588, 19.4263, 19.4311

Complementary

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



47.9579, -28.6936, 8.2428



29.3357, 36.1864, 5.2547

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.



47.9588, 29.7315, 10.6493



47.9579, -28.6936, 8.2428



47.9588, 22.0134, -20.9376

Square

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



47.9588, -28.6940, 8.2433



47.9588, -8.7210, -34.8972



47.9588, 30.7350, -3.8010



47.9588, 3.9254, 23.0807

Rectangle

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



47.9579, -28.6936, 8.2428



47.9588, -24.1571, -18.6519



47.9588, 30.7350, -3.8010



47.9588, 23.6945, 17.1403

Sweetspot

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



47.9588, -28.6940, 8.2433



68.7200, -17.3239, 5.1188



47.8189, -31.5633, 25.9583



32.6611, -8.9516, 2.5395



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.



47.9588, -28.6940, 8.2433



62.9683, -41.5257, 13.4698



42.3142, -14.9919, -13.4470



25.5599, -3.5880, 1.5663



43.5288, -30.3006, 11.0030



4.8694, -3.0253, 0.4443

Inverse Universe

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



29.3357, 36.1864, 5.2547



35.5318, 55.4792, 10.6849



31.9938, 25.1708, 15.7386



24.1705, 1.0347, 1.1969



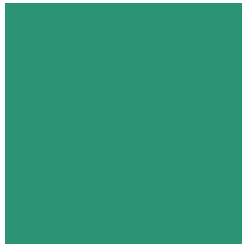
23.5333, 40.9831, 9.9224



2.6923, 4.8581, -0.1788

Previews

White Background



This preview shows how the HunterLab color 47.9579, -28.6936, 8.2428 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 47.9579, -28.6936, 8.2428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

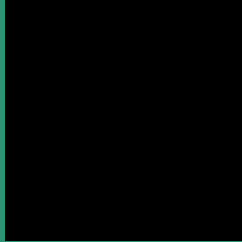
Any Text WCAG AA ✓ Pass

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 47.9579, -28.6936, 8.2428 Background



This preview shows how black text looks on a background with the HunterLab color 47.9579, -28.6936, 8.2428.



This preview shows how white text looks on a background with the HunterLab color 47.9579, -28.6936, 8.2428.

-28.6936, 8.2428.

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

47.9579, -28.6936, 8.2428

Protanopia

47.6640, -3.6282, 11.6590

Deuteranopia

47.4657, 3.4530, 6.3095



Tritanopia

47.9620, -18.1961, -9.0991

Trichromacy



Original Color

47.9579, -28.6936, 8.2428

Protanomaly

46.8850, -15.3324, 9.6040

Deuteranomaly

46.6061, -11.2972, 5.9154

Tritanomaly

47.9438, -22.4382, -2.0129

Monochromacy



Original Color

47.9579, -28.6936, 8.2428

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

42.6747, -13.9355, 3.9342

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9579, -28.6936, 8.2428 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(44, 148, 117)` looks like.

```
.text, #text, p{  
    color:rgb(44, 148, 117)  
}
```

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(44, 148, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 148, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9579, -28.6936, 8.2428 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(44, 148, 117) }
```


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

```
.border{ border-color:rgb(44, 148, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 148, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 148, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 148, 117);  
box-shadow:4px 4px 4px 4px rgb(44, 148,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9579, -28.6936, 8.2428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 148, 117) }
```

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

```
.background{ background-color: rgb(44, 148,  
117) }
```

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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