

Converting Colors

HunterLab(47.4472, -29.5828,
11.6797)

Have a look what the booklet for
HunterLab(47.4472, -29.5828,
11.6797) contains.

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Color

**HunterLab(47.4472,
-29.5828, 11.6797)**

Conversions

Conversions Part 1

Format	Color
Hex	2F936A
RGB	47, 147, 106
RGB Percent	18%, 58%, 42%
CMY	0.8157, 0.4235, 0.5843
CMYK	0.68, 0.00, 0.28, 0.42
HSL	155°, 52%, 38%
HSV	155°, 68%, 58%
XYZ	14.2075, 22.5124, 17.2322
YIQ	112.4260, -46.4390, -33.9510

Conversions

Conversions Part 2

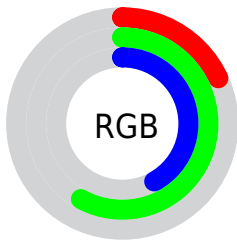
Format	Color
RYB	47, 110, 147
Decimal	3117930
CIELab	54.57, -38.81, 13.48
CIElCh	55, 41.085, 160.840
Yxy	22.5133, 0.2633, 0.4173
Android (android.graphics.Color)	4281308010 (0xFF2F936A)
YUV	112.4260, -3.1680, -57.3786
Hunter-Lab	47.4472, -29.5828, 11.6797

Details

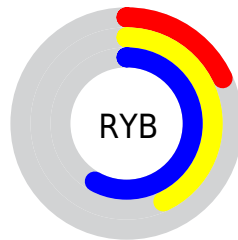
The HunterLab color $47.4472, -29.5828, 11.6797$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $29.9018, 36.0886, 0.7490$, and the grayscale version is $40.4417, -2.1579, 2.1973$.

A 20% lighter version of the original color is $69.0497, -35.4461, 14.5379$, and $29.1551, -21.1340, 9.1808$ is the 20% darker color. If you saturate the color by 10%, you get $47.0104, -31.6225, 13.2163$, and if you desaturate by 10%, it is $48.0138, -27.0382, 10.1728$.

Distribution



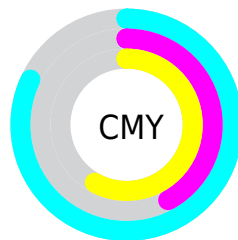
- Red (18%)
- Green (58%)
- Blue (42%)



- Red (18%)
- Yellow (43%)
- Blue (58%)



- Cyan (68%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)



- Cyan (82%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4472, -29.5828, 11.6797 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 47.4472, -29.5828, 11.6797 by changing the saturation by 10% instead.

■ 47.4472, -29.5828,
11.6797

■ 47.4472, -29.5828,
11.6797

162.8543,
-52.6205, 23.4910

■ 37.7287, -26.5284,
10.3230

■ 68.9876, -35.2371,
14.3253

■ 28.7819, -23.2524,
8.9233

■ 80.7233, -37.9010,
15.6310

■ 20.6814, -19.6657,
7.4546

■ 93.0580, -40.4847,
16.9331

■ 13.5270, -15.9471,
5.9045

■ 105.9639,
-43.0032, 18.2353

■ 7.1108, -12.4440,
4.9776

■ 119.4167,
-45.4678, 19.5402

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 133.3951,

-47.8876, 20.8501

0.0000, NaN, NaN

147.8800,
-50.2698, 22.1667

0.0000, NaN, NaN

■ 47.4472, -29.5828,
11.6797

■ 47.4472, -29.5828,
11.6797

■ 47.0104, -31.6225,
13.2163

■ 48.0138, -27.0382,
10.1728

■ 46.6907, -33.1784,
14.7584

■ 48.7141, -23.9833,
8.7157

■ 46.4653, -34.3372,
16.2721

■ 49.5530, -20.4297,
7.3279

■ 46.4241, -34.5509,
16.5595

■ 50.5322, -16.4009,
6.0257

■ 51.6517, -11.9300,
4.8225

■ 52.9094, -7.0562,
3.7287

■ 54.3023, -1.8226,
2.7513

■ 55.8262, 3.7268,
1.8944

■ 57.4761, 9.5487,
1.1594

Harmonies

Analogous

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



47.4481, -22.0375, 20.5720



47.4472, -29.5828, 11.6797



47.4481, -30.5101, -3.6317

Triad

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



47.4481, -29.5833, 11.6801



47.4481, 3.7578, -39.1197



47.4481, 24.7519, 18.7240

Complementary

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



47.4472, -29.5828, 11.6797



29.9018, 36.0886, 0.7490

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.



47.4481, 33.9422, 8.0559



47.4472, -29.5828, 11.6797



47.4481, 20.7376, -27.4013

Square

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



47.4481, -29.5833, 11.6801



47.4481, -12.7728, -37.0731



47.4481, 32.3778, -8.7722



47.4481, 8.6535, 23.5389

Rectangle

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



47.4472, -29.5828, 11.6797



47.4481, -27.4194, -16.2377



47.4481, 32.3778, -8.7722



47.4481, 28.8473, 15.8956

Sweetspot

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



47.4481, -29.5833, 11.6801



68.7463, -17.4431, 6.8248



48.1467, -28.5140, 25.8564



32.6600, -9.0737, 3.4550



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.



47.4481, -29.5833, 11.6801



62.6491, -43.5724, 18.8554



45.9137, -19.6075, -7.6986



25.5390, -3.7044, 1.8649



43.2304, -32.1342, 15.3342



4.8437, -3.1814, 0.8136

Inverse Universe

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



29.9018, 36.0886, 0.7490



36.2945, 56.3488, 4.1799



30.2869, 29.0871, 13.9066



24.1919, 1.1494, 0.8930



23.8070, 41.9885, 5.9400



2.7383, 5.0242, -0.8249

Previews

White Background



This preview shows how the HunterLab color 47.4472, -29.5828, 11.6797 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 47.4472, -29.5828, 11.6797 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 47.4472, -29.5828, 11.6797 Background



This preview shows how black text looks on a background with the HunterLab color 47.4472, -29.5828, 11.6797.



This preview shows how white text looks on a background with the HunterLab color 47.4472, -29.5828, 11.6797.

-29.5828, 11.6797.

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

47.4472, -29.5828, 11.6797

Protanopia

47.2611, -4.0164, 14.5554

Deuteranopia

47.1216, 3.1372, 10.1686



Tritanopia

47.3715, -17.4395, -8.2949

Trichromacy



Original Color

47.4472, -29.5828, 11.6797

Protanomaly

46.4888, -15.7092, 12.6690

Deuteranomaly

46.1778, -11.8898, 9.6702

Tritanomaly

47.2162, -22.3655, -0.0801

Monochromacy



Original Color

47.4472, -29.5828, 11.6797

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

42.2702, -14.1245, 5.1079

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4472, -29.5828, 11.6797 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(47, 147, 106)` looks like.

```
.text, #text, p{  
    color:rgb(47, 147, 106)  
}
```

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(47, 147, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 147, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4472, -29.5828, 11.6797 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(47, 147, 106) }
```


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

```
.border{ border-color:rgb(47, 147, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 147, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 147, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 147, 106);  
box-shadow:4px 4px 4px 4px rgb(47, 147,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4472, -29.5828, 11.6797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 147, 106) }
```

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

```
.background{ background-color: rgb(47, 147,  
106) }
```

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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