

Converting Colors

HunterLab(46.7679, -30.0739,
6.4652)

Have a look what the booklet for
HunterLab(46.7679, -30.0739,
6.4652) contains.

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Color

**HunterLab(46.7609,
-30.1113, 6.5547)**

Conversions

Conversions Part 1

Format	Color
Hex	009276
RGB	0, 146, 118
RGB Percent	0%, 57%, 46%
CMY	0.9999, 0.4274, 0.5372
CMYK	1.00, 0.00, 0.19, 0.43
HSL	168°, 100%, 29%
HSV	168°, 100%, 57%
XYZ	13.5489, 21.8658, 20.6460
YIQ	99.1540, -78.0280, -39.6600

Conversions

Conversions Part 2

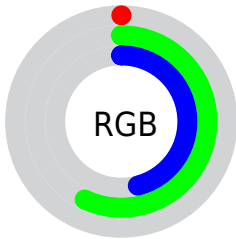
Format	Color
RYB	0, 81, 146
Decimal	37494
CIELab	53.89, -40.03, 5.59
CIELCh	54, 40.423, 172.051
Yxy	21.8667, 0.2417, 0.3900
Android (android.graphics.Color)	4278227574 (0xFF009276)
YUV	99.1540, 9.2911, -86.9581
Hunter-Lab	46.7609, -30.1113, 6.5547

Details

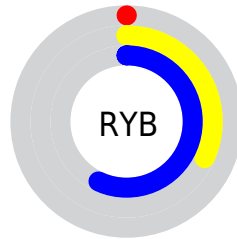
The HunterLab color **46.7609, -30.1113, 6.5547** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **24.8907, 42.9598, 13.4703**, and the grayscale version is **35.3704, -1.8873, 1.9217**.

A 20% lighter version of the original color is **68.2692, -36.0935, 8.4071**, and **29.0648, -19.4916, 5.7483** is the 20% darker color. If you saturate the color by 10%, you get **46.7616, -30.1124, 6.5561**, and if you desaturate by 10%, it is **46.9388, -29.2490, 5.6428**.

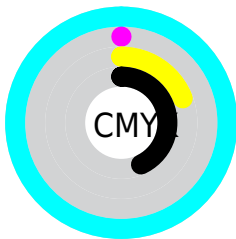
Distribution



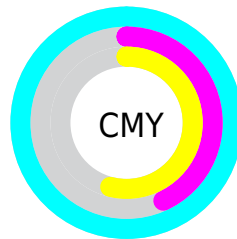
- Red (0%)
- Green (57%)
- Blue (46%)



- Red (0%)
- Yellow (32%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7609, -30.1113, 6.5547 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 46.7609, -30.1113, 6.5547 by changing the saturation by 10% instead.

46.7609, -30.1113,
6.5547

46.7609, -30.1113,
6.5547

161.8175,
-53.7619, 15.0355

37.0931, -26.9558,
5.7018

68.2096, -35.9374,
8.3082

28.2014, -23.5641,
4.8593

79.9034, -38.6767,
9.2113

20.1619, -19.8407,
4.0207

92.1981, -41.3305,
10.1334

13.0767, -16.2810,
3.1721

105.0659,
-43.9146, 11.0748

6.5584, -11.4771,
3.8903

118.4821,
-46.4411, 12.0357

0.0000, NaN, NaN

0.0000, NaN, NaN

132.4253,

-48.9196, 13.0161

0.0000, NaN, NaN

146.8762,
-51.3578, 14.0161

0.0000, NaN, NaN

■ 46.7609, -30.1113,
6.5547

■ 46.7609, -30.1113,
6.5547

■ 46.7616, -30.1124,
6.5561

■ 46.9388, -29.2490,
5.6428

■ 47.1891, -28.0915,
4.7926

■ 47.5465, -26.5101,
4.0497

■ 48.0218, -24.4744,
3.4327

■ 48.6227, -21.9712,
2.9559

■ 49.3541, -19.0014,
2.6299

■ 50.2190, -15.5784,
2.4612

■ 51.2183, -11.7254,
2.4529

■ 52.3513, -7.4727,
2.6046

Harmonies

Analogous

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



46.7618, -25.1119, 17.6398



46.7609, -30.1113, 6.5547



46.7618, -28.5707, -10.3579

Triad

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



46.7618, -30.1116, 6.5552



46.7618, 10.1072, -35.2780



46.7618, 18.8088, 20.7244

Complementary

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



46.7609, -30.1113, 6.5547



24.8907, 42.9598, 13.4703

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.



46.7618, 30.9391, 12.5754



46.7609, -30.1113, 6.5547



46.7618, 25.4468, -20.2583

Square

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



46.7618, -30.1116, 6.5552



46.7618, -6.8331, -38.6499



46.7618, 33.5242, -1.8543



46.7618, 2.0018, 23.7453

Rectangle

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



46.7609, -30.1113, 6.5547



46.7618, -23.9289, -22.7194



46.7618, 33.5242, -1.8543



46.7618, 23.6601, 18.6650

Sweetspot

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



46.7618, -30.1116, 6.5552



66.6236, -20.9885, 3.2765



45.6321, -37.6406, 27.4588



31.2127, -10.7285, 1.5756



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.



46.7618, -30.1116, 6.5552



62.0886, -40.1104, 8.9815



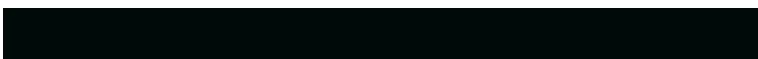
34.0864, -7.4919, -26.4306



25.5800, -3.4761, 1.2794



43.8692, -28.2262, 6.0997



4.8938, -2.8785, 0.0971

Inverse Universe

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



24.8907, 42.9598, 13.4703



33.0289, 56.9521, 18.3252



28.1044, 31.7853, 17.8734



24.1506, 0.9271, 1.4820



23.3541, 40.3219, 12.5539



2.6478, 4.6963, 0.4558

Previews

White Background



This preview shows how the HunterLab color 46.7609, -30.1113, 6.5547 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 46.7609, -30.1113, 6.5547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

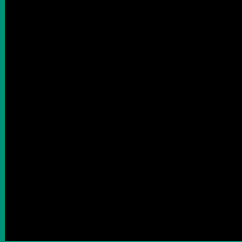
Any Text WCAG AA ✓ Pass

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 46.7609, -30.1113, 6.5547 Background



This preview shows how black text looks on a background with the HunterLab color 46.7609, -30.1113, 6.5547.



This preview shows how white text looks on a background with the HunterLab color 46.7609, -30.1113, 6.5547.

-30.1113, 6.5547.

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

46.7609, -30.1113, 6.5547

Protanopia

46.5761, -3.0539, 10.2292

Deuteranopia

46.4717, 2.9401, 4.7794



Tritanopia

46.7815, -19.6224, -9.7120

Trichromacy



Original Color

46.7609, -30.1113, 6.5547

Protanomaly

45.2507, -18.3364, 7.4770

Deuteranomaly

44.7847, -14.9246, 3.3868

Tritanomaly

46.6747, -24.1818, -3.1795

Monochromacy



Original Color

46.7609, -30.1113, 6.5547

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

38.1944, -15.9145, 2.0897

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7609, -30.1113, 6.5547 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(0, 146, 118)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 118)  
}
```

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(0, 146, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7609, -30.1113, 6.5547 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(0, 146, 118) }
```


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

```
.border{ border-color:rgb(0, 146, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 146, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 118);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7609, -30.1113, 6.5547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 118) }
```

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

```
.background{ background-color: rgb(0, 146,  
118) }
```

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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