

Converting Colors

HunterLab(47.8406, -26.5216,
13.5640)

Have a look what the booklet for
HunterLab(47.8406, -26.5216,
13.5640) contains.

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Color

**HunterLab(47.8485,
-26.4727, 13.4444)**

Conversions

Conversions Part 1

Format	Color
Hex	489266
RGB	72, 146, 102
RGB Percent	28%, 57%, 40%
CMY	0.7176, 0.4274, 0.6000
CMYK	0.51, 0.00, 0.30, 0.43
HSL	144°, 34%, 43%
HSV	144°, 51%, 57%
XYZ	15.3496, 22.8948, 16.1805
YIQ	118.8580, -29.9800, -29.3720

Conversions

Conversions Part 2

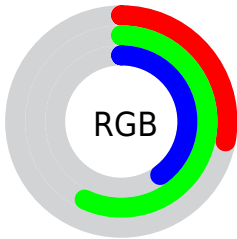
Format	Color
RYB	72, 125, 146
Decimal	4756070
CIELab	54.96, -33.59, 16.42
CIELCh	55, 37.391, 153.956
Yxy	22.8957, 0.2820, 0.4207
Android (android.graphics.Color)	4282946150 (0xFF489266)
YUV	118.8580, -8.3110, -41.0945
Hunter-Lab	47.8485, -26.4727, 13.4444

Details

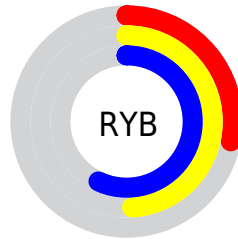
The HunterLab color $47.8485, -26.4727, 13.4444$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $34.6513, 28.6043, -6.4202$, and the grayscale version is $42.9359, -2.2910, 2.3328$.

A 20% lighter version of the original color is $69.2592, -31.3561, 16.3292$, and $29.2206, -20.9992, 10.3041$ is the 20% darker color. If you saturate the color by 10%, you get $47.1554, -29.6042, 15.4242$, and if you desaturate by 10%, it is $48.6893, -22.7927, 11.4012$.

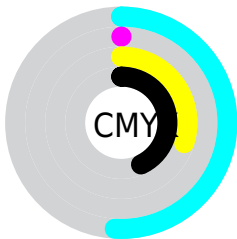
Distribution



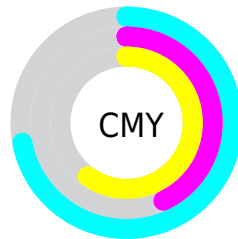
- Red (28%)
- Green (57%)
- Blue (40%)



- Red (28%)
- Yellow (49%)
- Blue (57%)



- Cyan (51%)
- Magenta (0%)
- Yellow (30%)
- Black (43%)



- Cyan (72%)
- Magenta (43%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8485, -26.4727, 13.4444 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 47.8485, -26.4727, 13.4444 by changing the saturation by 10% instead.

■ 47.8485, -26.4727,
13.4444

■ 47.8485, -26.4727,
13.4444

163.4592,
-47.0953, 26.5380

■ 38.1006, -23.7923,
11.8923

■ 69.4421, -31.4716,
16.4353

■ 29.1218, -20.9330,
10.2763

■ 81.2022, -33.8420,
17.8965

■ 20.9860, -17.8218,
8.5636

■ 93.5601, -36.1500,
19.3450

■ 13.7916, -14.3696,
6.8335

■ 106.4882,
-38.4076, 20.7859

■ 7.4137, -12.9740,
5.1896

■ 119.9623,
-40.6243, 22.2230

0.0000, NaN, NaN

0.0000, NaN, NaN

133.9612,

-42.8073, 23.6592

0.0000, NaN, NaN

148.4658,
-44.9627, 25.0970

0.0000, NaN, NaN

■ 47.8485, -26.4727,
13.4444

■ 47.8485, -26.4727,
13.4444

■ 47.1554, -29.6042,
15.4242

■ 48.6893, -22.7927,
11.4012

■ 46.6026, -32.1727,
17.3145

■ 49.6766, -18.5890,
9.3178

■ 46.1839, -34.1842,
19.0920

■ 50.8112, -13.9002,
7.2181

■ 45.8883, -35.6655,
20.7345

■ 52.0909, -8.7715,
5.1237

■ 45.6907, -36.6971,
22.1092

■ 53.5122, -3.2519,
3.0535

■ 55.0703, 2.6082,
1.0233

■ 56.7598, 8.7597,
-0.9541

■ 58.5746, 15.1565,
-2.8690

■ 60.5084, 21.7566,
-4.7146

Harmonies

Analogous

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



47.8495, -18.0749, 20.6436



47.8485, -26.4727, 13.4444



47.8495, -28.7808, 0.6090

Triad

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



47.8495, -26.4733, 13.4449



47.8495, -0.4842, -35.1366



47.8495, 24.7263, 15.8765

Complementary

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



47.8485, -26.4727, 13.4444



34.6513, 28.6043, -6.4202

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.



47.8495, 30.9130, 4.5177



47.8485, -26.4727, 13.4444



47.8495, 15.2343, -27.3433

Square

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



47.8495, -26.4733, 13.4449



47.8495, -14.9376, -30.4655



47.8495, 27.2372, -11.5723



47.8495, 11.2293, 21.7021

Rectangle

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



47.8485, -26.4727, 13.4444



47.8495, -26.8357, -10.3805



47.8495, 27.2372, -11.5723



47.8495, 27.8026, 12.7358

Sweetspot

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



47.8495, -26.4733, 13.4449



68.3770, -14.8646, 8.0874



49.7666, -20.0012, 23.0114



32.1013, -7.6101, 4.0603



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.



47.8495, -26.4733, 13.4449



62.5047, -39.8969, 20.8835



48.7738, -21.0045, 0.1786



25.5051, -3.8934, 2.3495



42.8658, -34.3939, 20.6680



4.8009, -3.4429, 1.4316

Inverse Universe

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



34.6513, 28.6043, -6.4202



41.9261, 46.7707, -9.5564



33.6400, 23.8954, 7.9744



24.2276, 1.3416, 0.3838



24.4643, 44.3783, -3.4348



2.8127, 5.2893, -1.8455

Previews

White Background



This preview shows how the HunterLab color 47.8485, -26.4727, 13.4444 looks on a white background.

Color Contrast Check

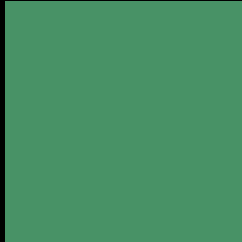
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.8485, -26.4727, 13.4444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

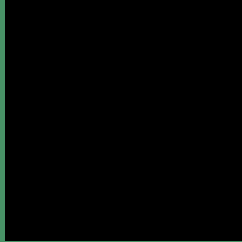
Any Text WCAG AA ✓ Pass

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 47.8485, -26.4727, 13.4444 Background



This preview shows how black text looks on a background with the HunterLab color 47.8485, -26.4727, 13.4444.



This preview shows how white text looks on a background with the HunterLab color 47.8485,

-26.4727, 13.4444.

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

47.8485, -26.4727, 13.4444

Protanopia

47.6671, -4.1554, 15.8332

Deuteranopia

47.5791, 3.0667, 12.3798



Tritanopia

47.8767, -14.0262, -7.0019

Trichromacy



Original Color

47.8485, -26.4727, 13.4444

Protanomaly

47.1202, -13.4730, 14.2597

Deuteranomaly

46.9105, -9.3938, 11.8501

Tritanomaly

47.6916, -19.0285, 1.4674

Monochromacy



Original Color

47.8485, -26.4727, 13.4444

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

44.4044, -12.1422, 6.2893

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8485, -26.4727, 13.4444 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(72, 146, 102)` looks like.

```
.text, #text, p{  
    color:rgb(72, 146, 102)  
}
```

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(72, 146, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 146, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8485, -26.4727, 13.4444 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(72, 146, 102) }
```


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

```
.border{ border-color:rgb(72, 146, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 146, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 146, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 146, 102);  
box-shadow:4px 4px 4px 4px rgb(72, 146,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8485, -26.4727, 13.4444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 146, 102) }
```

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

```
.background{ background-color: rgb(72, 146,  
102) }
```

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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