

Converting Colors

HunterLab(46.0159, -28.1755,
19.5881)

Have a look what the booklet for
HunterLab(46.0159, -28.1755,
19.5881) contains.

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Color

**HunterLab(46.0217,
-28.1476, 19.5192)**

Conversions

Conversions Part 1

Format	Color
Hex	478E4A
RGB	71, 142, 74
RGB Percent	28%, 56%, 29%
CMY	0.7216, 0.4431, 0.7098
CMYK	0.50, 0.00, 0.48, 0.44
HSL	123°, 33%, 42%
HSV	123°, 50%, 56%
XYZ	13.5075, 21.1800, 9.8548
YIQ	113.0190, -20.4880, -36.2000

Conversions

Conversions Part 2

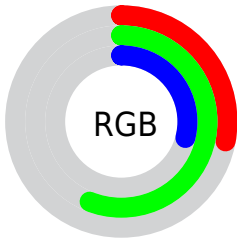
Format	Color
R_{YB}	71, 139, 142
Decimal	4689482
CIE _{Lab}	53.15, -37.12, 29.42
CIE _{LCh}	53, 47.364, 141.599
Yxy	21.1809, 0.3033, 0.4755
Android (android.graphics.Color)	4282879562 (0xFF478E4A)
YUV	113.0190, -19.2364, -36.8507
Hunter-Lab	46.0217, -28.1476, 19.5192

Details

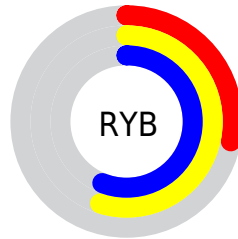
The HunterLab color $46.0217, -28.1476, 19.5192$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $34.8162, 31.7119, -19.5883$, and the grayscale version is $40.7217, -2.1728, 2.2125$.

A 20% lighter version of the original color is $67.2459, -33.5608, 24.0364$, and $27.6149, -22.0562, 14.4038$ is the 20% darker color. If you saturate the color by 10%, you get $45.3225, -31.3614, 21.7129$, and if you desaturate by 10%, it is $46.8887, -24.2554, 16.9026$.

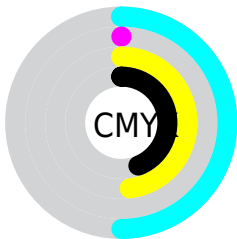
Distribution



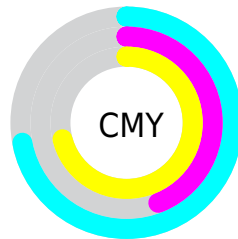
- Red (28%)
- Green (56%)
- Blue (29%)



- Red (28%)
- Yellow (55%)
- Blue (56%)



- Cyan (50%)
- Magenta (0%)
- Yellow (48%)
- Black (44%)



- Cyan (72%)
- Magenta (44%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.0217, -28.1476, 19.5192 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 46.0217, -28.1476, 19.5192 by changing the saturation by 10% instead.

■ 46.0217, -28.1476,
19.5192

■ 46.0217, -28.1476,
19.5192

160.6979,
-50.4889, 38.6672

■ 36.4092, -25.1878,
17.0206

■ 67.3709, -33.6255,
24.1669

■ 27.5776, -22.0096,
14.3518

■ 79.0190, -36.2065,
26.3670

■ 19.6046, -18.5227,
11.5058

■ 91.2704, -38.7108,
28.5080

■ 12.5951, -15.2780,
8.8166

■ 104.0967,
-41.1527, 30.6020

■ 5.9023, -10.3291,
4.1316

■ 117.4732,
-43.5435, 32.6582

0.0000, NaN, NaN

0.0000, NaN, NaN

131.3782,

-45.8920, 34.6841

0.0000, NaN, NaN

145.7922,
-48.2052, 36.6855

0.0000, NaN, NaN

■ 46.0217, -28.1476,
19.5192

■ 46.0217, -28.1476,
19.5192

■ 45.3225, -31.3614,
21.7129

■ 46.8887, -24.2554,
16.9026

■ 44.7833, -33.8803,
23.4693

■ 47.9225, -19.7173,
13.8878

■ 44.3963, -35.7158,
24.7901

■ 49.1231, -14.5838,
10.5096

■ 44.1485, -36.9075,
25.6939

■ 50.4874, -8.9149,
6.8081

■ 44.0000, -37.6232,
26.2216

■ 52.0104, -2.7756,
2.8261

■ 53.6859, 3.7681,
-1.3938

■ 55.5067, 10.6529,
-5.8112

■ 57.4651, 17.8203,
-10.3891

■ 59.5532, 25.2179,
-15.0948

Harmonies

Analogous

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



46.0227, -15.3749, 24.7652



46.0217, -28.1476, 19.5192



46.0227, -33.7977, 7.3843

Triad

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



46.0227, -28.1483, 19.5195



46.0227, -7.7715, -48.0978



46.0227, 37.5190, 13.7268

Complementary

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



46.0217, -28.1476, 19.5192



34.8162, 31.7119, -19.5883

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.



46.0227, 40.4601, -2.9746



46.0217, -28.1476, 19.5192



46.0227, 12.0618, -44.0791

Square

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



46.0227, -28.1483, 19.5195



46.0227, -23.3735, -34.7827



46.0227, 30.4983, -25.3656



46.0227, 23.0223, 22.5127

Rectangle

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



46.0217, -28.1476, 19.5192



46.0227, -33.5410, -5.1984



46.0227, 30.4983, -25.3656



46.0227, 39.9777, 9.0713

Sweetspot

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



46.0227, -28.1483, 19.5195



66.0537, -15.9196, 11.7011



50.3444, -11.6434, 23.7976



31.0615, -8.1730, 5.9543



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



46.0227, -28.1483, 19.5195



60.0834, -42.1123, 29.1553



46.6773, -24.2270, 10.0080



24.5619, -4.0916, 3.1513



41.6922, -35.6438, 24.8332



4.0838, -3.4399, 2.3214

Inverse Universe

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



34.8162, 31.7119, -19.5883



42.6808, 51.6697, -31.9979



33.5556, 25.9360, -2.0735



23.4673, 1.6535, -0.6134



25.9999, 50.6663, -30.8008



2.5578, 5.0080, -3.2132

Previews

White Background



This preview shows how the HunterLab color 46.0217, -28.1476, 19.5192 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 46.0217, -28.1476, 19.5192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

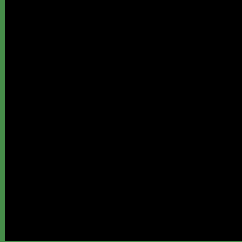
Any Text WCAG AA ✓ Pass

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 46.0217, -28.1476, 19.5192 Background



This preview shows how black text looks on a background with the HunterLab color 46.0217, -28.1476, 19.5192.



This preview shows how white text looks on a background with the HunterLab color 46.0217,

-28.1476, 19.5192.

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

46.0217, -28.1476, 19.5192

Protanopia

45.6377, -4.9592, 20.9301

Deuteranopia

45.7325, 2.7048, 18.6375



Tritanopia

45.9573, -12.1967, -6.4544

Trichromacy



Original Color

46.0217, -28.1476, 19.5192

Protanomaly

45.3014, -15.0659, 20.0671

Deuteranomaly

45.2187, -10.6115, 18.4717

Tritanomaly

45.7958, -19.0699, 5.2899

Monochromacy



Original Color

46.0217, -28.1476, 19.5192

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

42.3235, -12.9259, 9.3168

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.0217, -28.1476, 19.5192 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(71, 142, 74)` looks like.

```
.text, #text, p{  
    color:rgb(71, 142, 74)  
}
```

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(71, 142, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 142, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 46.0217, -28.1476, 19.5192 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(71, 142, 74) }
```


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

```
.border{ border-color:rgb(71, 142, 74) }
```

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

Here you see how a box with a 4 pixel rgb(71, 142, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 142, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 142, 74);  
box-shadow:4px 4px 4px 4px rgb(71, 142,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.0217, -28.1476, 19.5192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 142, 74) }
```

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

```
.background{ background-color: rgb(71, 142,  
74) }
```

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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