

Converting Colors

HunterLab(47.5276, -28.7327,
20.7014)

Have a look what the booklet for
HunterLab(47.5276, -28.7327,
20.7014) contains.

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Color

**HunterLab(47.5276,
-28.7326, 20.7013)**

Conversions

Conversions Part 1

Format	Color
Hex	4C924A
RGB	76, 146, 74
RGB Percent	30%, 57%, 29%
CMY	0.7020, 0.4274, 0.7098
CMYK	0.48, 0.00, 0.49, 0.43
HSL	118°, 33%, 43%
HSV	118°, 49%, 57%
XYZ	14.4954, 22.5887, 10.0747
YIQ	116.8620, -18.6080, -37.2320

Conversions

Conversions Part 2

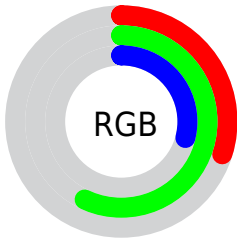
Format	Color
RYB	74, 146, 144
Decimal	5018186
CIELab	54.65, -37.37, 31.34
CIELCh	55, 48.777, 140.014
Yxy	22.5897, 0.3074, 0.4790
Android (android.graphics.Color)	4283208266 (0xFF4C924A)
YUV	116.8620, -21.1310, -35.8360
Hunter-Lab	47.5276, -28.7326, 20.7013

Details

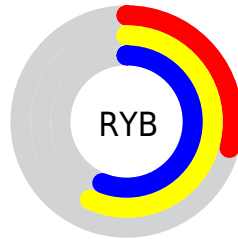
The HunterLab color $[47.5276, -28.7326, 20.7013]$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $[35.9207, 32.2501, -22.1893]$, and the grayscale version is $[42.2086, -2.2521, 2.2933]$.

A 20% lighter version of the original color is $[69.2067, -34.5063, 25.7043]$, and $[28.9692, -22.7250, 15.3307]$ is the 20% darker color. If you saturate the color by 10%, you get $[46.7937, -32.0943, 22.9600]$, and if you desaturate by 10%, it is $[48.4322, -24.6766, 17.9485]$.

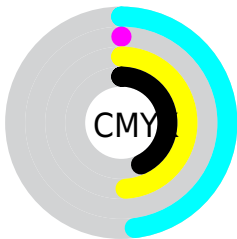
Distribution



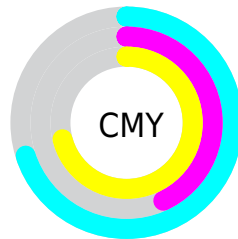
- Red (30%)
- Green (57%)
- Blue (29%)



- Red (29%)
- Yellow (57%)
- Blue (56%)



- Cyan (48%)
- Magenta (0%)
- Yellow (49%)
- Black (43%)



- Cyan (70%)
- Magenta (43%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5276, -28.7326, 20.7013 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 47.5276, -28.7326, 20.7013 by changing the saturation by 10% instead.

■ 47.5276, -28.7326,
20.7013

■ 47.5276, -28.7326,
20.7013

162.9756,
-51.1024, 40.7007

■ 37.8032, -25.7820,
18.0830

■ 69.0787, -34.2059,
25.5700

■ 28.8500, -22.6212,
15.2886

■ 80.8193, -36.7885,
27.8725

■ 20.7424, -19.1658,
12.2913

■ 93.1587, -39.2960,
30.1109

■ 13.5800, -15.4987,
9.5060

■ 106.0690,
-41.7423, 32.2980

■ 7.1726, -12.5521,
5.0209

■ 119.5262,
-44.1383, 34.4435

0.0000, NaN, NaN

0.0000, NaN, NaN

133.5087,

-46.4926, 36.5552

0.0000, NaN, NaN

147.9975,
-48.8121, 38.6392

0.0000, NaN, NaN

■ 47.5276, -28.7326,
20.7013

■ 47.5276, -28.7326,
20.7013

■ 46.7937, -32.0943,
22.9600

■ 48.4322, -24.6766,
17.9485

■ 46.2229, -34.7433,
24.7153

■ 49.5061, -19.9602,
14.7241

■ 45.8080, -36.6890,
25.9771


■ 50.7491, -14.6356,
11.0627


■ 45.5364, -37.9695,
26.7765


■ 52.1579, -8.7640,
7.0063


■ 45.3799, -38.7123,
27.2476


■ 53.7273, -2.4114,
2.6009

 45.3705, -38.7571,
27.2786

 55.4510, 4.3554,
-2.1070

 57.3217, 11.4722,
-7.0722

 59.3316, 18.8797,
-12.2527

 61.4728, 26.5249,
-17.6107

Harmonies

Analogous

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



47.5286, -15.0865, 25.8246



47.5276, -28.7326, 20.7013



47.5286, -34.9971, 8.5457

Triad

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



47.5286, -28.7334, 20.7016



47.5286, -9.0733, -49.9149



47.5286, 39.6255, 13.5526

Complementary

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



47.5276, -28.7326, 20.7013



35.9207, 32.2501, -22.1893

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.



47.5286, 41.9604, -4.2593



47.5276, -28.7326, 20.7013



47.5286, 11.4634, -46.7147

Square

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



47.5286, -28.7334, 20.7016



47.5286, -24.9639, -35.2077



47.5286, 30.9439, -27.7184



47.5286, 25.0130, 23.0506

Rectangle

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



47.5276, -28.7326, 20.7013



47.5286, -34.9948, -4.2790



47.5286, 30.9439, -27.7184



47.5286, 41.9561, 8.5607

Sweetspot

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



47.5286, -28.7334, 20.7016



68.1278, -16.3929, 12.5918



51.4122, -10.1032, 24.0314



31.9714, -8.4091, 6.4065



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.



47.5286, -28.7334, 20.7016



62.0747, -42.9739, 30.7265



48.0509, -25.4351, 11.7942



25.4473, -4.2443, 3.3964



42.5625, -36.3484, 25.5905



4.7249, -3.9523, 2.8423

Inverse Universe

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



35.9207, 32.2501, -22.1893



44.0576, 52.4971, -36.4928



34.9113, 27.1071, -4.2471



24.2921, 1.7210, -0.7919



26.2386, 51.8945, -36.9992



2.9385, 5.7929, -3.9978

Previews

White Background



This preview shows how the HunterLab color 47.5276, -28.7326, 20.7013 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 47.5276, -28.7326, 20.7013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

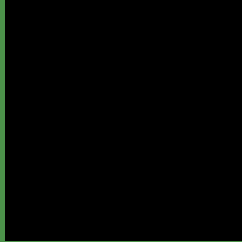
Any Text WCAG AA ✓ Pass

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 47.5276, -28.7326, 20.7013 Background



This preview shows how black text looks on a background with the HunterLab color 47.5276, -28.7326, 20.7013.



This preview shows how white text looks on a background with the HunterLab color 47.5276,

-28.7326, 20.7013.

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

47.5276, -28.7326, 20.7013

Protanopia

47.1405, -5.4254, 22.0744

Deuteranopia

47.0616, 3.0719, 19.7337



Tritanopia

47.5628, -12.2034, -6.3501

Trichromacy



Original Color

47.5276, -28.7326, 20.7013

Protanomaly

46.8748, -15.3243, 21.2867

Deuteranomaly

46.5054, -10.4039, 19.5230

Tritanomaly

47.3638, -19.2881, 5.7991

Monochromacy



Original Color

47.5276, -28.7326, 20.7013

Achromatopsia

42.1768, -2.2504, 2.2915

Achromatomaly

43.8209, -13.3549, 10.1103

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5276, -28.7326, 20.7013 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(76, 146, 74)` looks like.

```
.text, #text, p{  
    color:rgb(76, 146, 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(76, 146, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 146, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5276, -28.7326, 20.7013 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(76, 146, 74) }
```


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

```
.border{ border-color:rgb(76, 146, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 146, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 146, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 146, 74);  
box-shadow:4px 4px 4px 4px rgb(76, 146,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5276, -28.7326, 20.7013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 146, 74) }
```

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

```
.background{ background-color: rgb(76, 146,  
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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