

Converting Colors

HunterLab(47.5800, -27.2554,
20.4653)

Have a look what the booklet for
HunterLab(47.5800, -27.2554,
20.4653) contains.

HunterLab(47.4896, -27.1956, 20.4761)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(47.4896,
-27.1956, 20.4761)**

Conversions

Conversions Part 1

Format	Color
Hex	52914B
RGB	82, 145, 75
RGB Percent	32%, 57%, 29%
CMY	0.6784, 0.4314, 0.7059
CMYK	0.43, 0.00, 0.48, 0.43
HSL	114°, 32%, 43%
HSV	114°, 48%, 57%
XYZ	14.8751, 22.5526, 10.2257
YIQ	118.1830, -15.0780, -35.1260

Conversions

Conversions Part 2

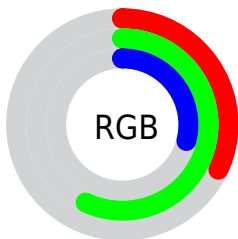
Format	Color
RYB	75, 145, 138
Decimal	5411147
CIELab	54.61, -34.90, 30.83
CIElCh	55, 46.566, 138.542
Yxy	22.5536, 0.3121, 0.4733
Android (android.graphics.Color)	4283601227 (0xFF52914B)
YUV	118.1830, -21.2892, -31.7325
Hunter-Lab	47.4896, -27.1956, 20.4761

Details

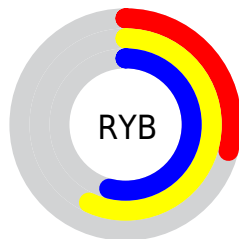
The HunterLab color $47.4896, -27.1956, 20.4761$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $35.3277, 29.6767, -22.6717$, and the grayscale version is $42.7190, -2.2794, 2.3210$.

A 20% lighter version of the original color is $68.9046, -32.2022, 25.2001$, and $28.8723, -21.5238, 15.1582$ is the 20% darker color. If you saturate the color by 10%, you get $46.7404, -30.6006, 22.7541$, and if you desaturate by 10%, it is $48.3912, -23.1764, 17.6969$.

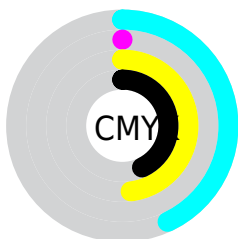
Distribution



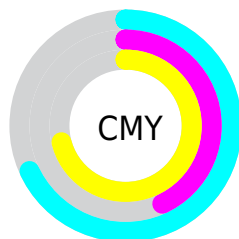
- Red (32%)
- Green (57%)
- Blue (29%)



- Red (29%)
- Yellow (57%)
- Blue (54%)



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



- Cyan (68%)
- Magenta (43%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4896, -27.1956, 20.4761 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 47.4896, -27.1956, 20.4761 by changing the saturation by 10% instead.

■ 47.4896, -27.1956,
20.4761

■ 47.4896, -27.1956,
20.4761

162.9183,
-48.4315, 40.2308

■ 37.7680, -24.4187,
17.8951

■ 69.0357, -32.3628,
25.2786

■ 28.8178, -21.4506,
15.1413

■ 80.7740, -34.8079,
27.5512

■ 20.7135, -18.2136,
12.1780

■ 93.1111, -37.1859,
29.7617

■ 13.5549, -14.6964,
9.4885

■ 106.0194,
-39.5095, 31.9223

■ 7.1435, -12.5012,
5.0005

■ 119.4745,
-41.7888, 34.0426

0.0000, NaN, NaN

0.0000, NaN, NaN

133.4550,

-44.0315, 36.1303

0.0000, NaN, NaN

147.9420,
-46.2441, 38.1914

0.0000, NaN, NaN

■ 47.4896, -27.1956,
20.4761

■ 47.4896, -27.1956,
20.4761

■ 46.7404, -30.6006,
22.7541

■ 48.3912, -23.1764,
17.6969

■ 46.1376, -33.3695,
24.5238

■ 49.4426, -18.5748,
14.4352

■ 45.6767, -35.5023,
25.7963


■ 50.6435, -13.4373,
10.7213

■ 45.3488, -37.0209,
26.6022


■ 51.9906, -7.8165,
6.5925


■ 45.1376, -37.9968,
27.0541


■ 53.4795, -1.7683,
2.0899

 45.1099, -38.1269,
27.1291

 55.1048, 4.6510,
-2.7436

 56.8603, 11.3872,
-7.8661

 58.7396, 18.3901,
-13.2376

 60.7358, 25.6144,
-18.8213

Harmonies

Analogous

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



47.4906, -13.7343, 25.3058



47.4896, -27.1956, 20.4761



47.4906, -33.6189, 9.0560

Triad

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



47.4906, -27.1964, 20.4764



47.4906, -9.6619, -46.4356



47.4906, 37.8586, 12.4670

Complementary

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



47.4896, -27.1956, 20.4761



35.3277, 29.6767, -22.6717

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.



47.4906, 39.4161, -4.9479



47.4896, -27.1956, 20.4761



47.4906, 9.8057, -44.3275

Square

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



47.4906, -27.1964, 20.4764



47.4906, -24.6251, -32.0614



47.4906, 28.4797, -27.1034



47.4906, 24.5126, 22.1151

Rectangle

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



47.4896, -27.1956, 20.4761



47.4906, -33.8546, -2.9432



47.4906, 28.4797, -27.1034



47.4906, 39.8487, 7.5195

Sweetspot

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



47.4906, -27.1964, 20.4764



68.4661, -15.0588, 12.2097



49.7049, -7.8462, 22.5499



32.1311, -7.7797, 6.2548



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.



47.4906, -27.1964, 20.4764



62.4644, -41.3318, 30.6994



47.6728, -25.4812, 12.9700



24.6040, -3.9543, 3.3094



41.7844, -35.2796, 25.1297



4.1353, -3.2392, 2.4914

Inverse Universe

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



35.3277, 29.6767, -22.6717



43.2737, 49.1388, -38.2041



35.1238, 26.9849, -6.2946



23.4180, 1.5045, -0.8073



24.2171, 48.7131, -40.4788



2.4738, 4.9141, -3.6548

Previews

White Background



This preview shows how the HunterLab color 47.4896, -27.1956, 20.4761 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 47.4896, -27.1956, 20.4761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

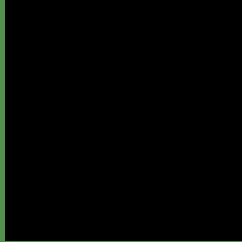
Any Text WCAG AA ✓ Pass

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 47.4896, -27.1956, 20.4761 Background



This preview shows how black text looks on a background with the HunterLab color 47.4896, -27.1956, 20.4761.



This preview shows how white text looks on a background with the HunterLab color 47.4896,

-27.1956, 20.4761.

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

47.4896, -27.1956, 20.4761

Protanopia

47.1668, -5.2795, 21.6879

Deuteranopia

47.0772, 3.1555, 19.5057



Tritanopia

47.4513, -11.1345, -5.9627

Trichromacy



Original Color

47.4896, -27.1956, 20.4761

Protanomaly

46.7555, -14.1764, 20.7878

Deuteranomaly

46.6888, -9.7058, 19.4464

Tritanomaly

47.2872, -18.0386, 6.1417

Monochromacy



Original Color

47.4896, -27.1956, 20.4761

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

44.0465, -12.4711, 10.0022

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4896, -27.1956, 20.4761 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(82, 145, 75)` looks like.

```
.text, #text, p{  
    color:rgb(82, 145, 75)  
}
```

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(82, 145, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 145, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4896, -27.1956, 20.4761 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(82, 145, 75) }
```


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

```
.border{ border-color:rgb(82, 145, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 145, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 145, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 145, 75);  
box-shadow:4px 4px 4px 4px rgb(82, 145,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4896, -27.1956, 20.4761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 145, 75) }
```

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

```
.background{ background-color: rgb(82, 145,  
75) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor