

Converting Colors

HunterLab(47.3420, -20.8463,
7.6054)

Have a look what the booklet for
HunterLab(47.3420, -20.8463,
7.6054) contains.

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Color

**HunterLab(47.4019,
-21.0035, 7.7907)**

Conversions

Conversions Part 1

Format	Color
Hex	538E75
RGB	83, 142, 117
RGB Percent	33%, 56%, 46%
CMY	0.6745, 0.4431, 0.5412
CMYK	0.42, 0.00, 0.18, 0.44
HSL	155°, 26%, 44%
HSV	155°, 42%, 56%
XYZ	16.4512, 22.4694, 20.2996
YIQ	121.5090, -27.1390, -20.2830

Conversions

Conversions Part 2

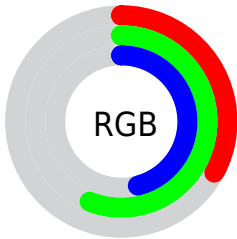
Format	Color
R_{YB}	83, 120, 142
Decimal	5475957
CIE _{Lab}	54.52, -25.32, 7.34
CIE _{LCh}	55, 26.365, 163.846
Yxy	22.4703, 0.2778, 0.3794
Android (android.graphics.Color)	4283666037 (0xFF538E75)
YUV	121.5090, -2.2229, -33.7724
Hunter-Lab	47.4019, -21.0035, 7.7907

Details

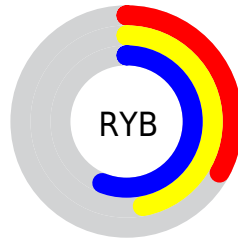
The HunterLab color $47.4019, -21.0035, 7.7907$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $36.0841, 20.7313, -0.7151$, and the grayscale version is $43.9413, -2.3446, 2.3874$.

A 20% lighter version of the original color is $68.9169, -25.0487, 9.7349$, and $28.6687, -16.4800, 5.7330$ is the 20% darker color. If you saturate the color by 10%, you get $46.6392, -24.2788, 9.2015$, and if you desaturate by 10%, it is $48.3010, -17.2634, 6.4509$.

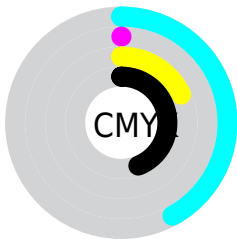
Distribution



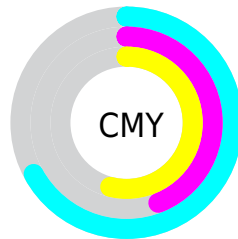
- Red (33%)
- Green (56%)
- Blue (46%)



- Red (33%)
- Yellow (47%)
- Blue (56%)



- Cyan (42%)
- Magenta (0%)
- Yellow (18%)
- Black (44%)



- Cyan (67%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4019, -21.0035, 7.7907 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 47.4019, -21.0035, 7.7907 by changing the saturation by 10% instead.

■ 47.4019, -21.0035,
7.7907

■ 47.4019, -21.0035,
7.7907

162.7859,
-37.9237, 16.9972

■ 37.6867, -18.8845,
6.8299

■ 68.9363, -25.0088,
9.7369

■ 28.7435, -16.6465,
5.8686

■ 80.6692, -26.9312,
10.7274

■ 20.6470, -14.2370,
4.8968

■ 93.0013, -28.8165,
11.7322

■ 13.4972, -11.5624,
3.8940

■ 105.9047,
-30.6732, 12.7523

■ 7.0758, -12.3826,
4.6823

■ 119.3551,
-32.5077, 13.7885

0.0000, NaN, NaN

0.0000, NaN, NaN

133.3312,

-34.3251, 14.8412

0.0000, NaN, NaN

147.8139,
-36.1293, 15.9107

0.0000, NaN, NaN

■ 47.4019, -21.0035,
7.7907

■ 47.4019, -21.0035,
7.7907

■ 46.6392, -24.2788,
9.2015

■ 48.3010, -17.2634,
6.4509

■ 46.0077, -27.0683,
10.6645

■ 49.3340, -13.0858,
5.1950

■ 45.5038, -29.3660,
12.1609

■ 50.5006, -8.5078,
4.0351

■ 45.1201, -31.1809,
13.6695

■ 51.7980, -3.5697,
2.9796

■ 44.8461, -32.5409,
15.1675

■ 53.2227, 1.6860,
2.0342

■ 44.6693, -33.4559,
16.3889

■ 54.7699, 7.2171,
1.2018

■ 56.4346, 12.9834,
0.4829

■ 58.2112, 18.9475,
-0.1238

■ 60.0942, 25.0756,
-0.6213

Harmonies

Analogous

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



47.4029, -16.1747, 14.8090



47.4019, -21.0035, 7.7907



47.4029, -21.1872, -2.4353

Triad

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



47.4029, -21.0041, 7.7913



47.4029, 2.5809, -21.1030



47.4029, 13.5242, 14.4026

Complementary

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



47.4019, -21.0035, 7.7907



36.0841, 20.7313, -0.7151

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.



47.4029, 19.5458, 7.1014



47.4019, -21.0035, 7.7907



47.4029, 12.8530, -14.1388

Square

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



47.4029, -21.0041, 7.7913



47.4029, -8.2146, -20.7996



47.4029, 19.2896, -3.2990



47.4029, 3.4319, 17.9952

Rectangle

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



47.4019, -21.0035, 7.7907



47.4029, -18.6901, -9.9002



47.4029, 19.2896, -3.2990



47.4029, 16.1305, 12.3826

Sweetspot

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



47.4029, -21.0041, 7.7913



66.9459, -11.7394, 5.4617



48.1615, -19.4652, 19.2612



31.5552, -5.8723, 2.6583



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.



47.4029, -21.0041, 7.7913



61.9799, -32.0338, 12.1214



46.8925, -15.2618, -3.7307



24.6540, -3.5773, 1.8326



42.3299, -31.6732, 15.4648



4.1920, -2.7719, 0.7441

Inverse Universe

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



36.0841, 20.7313, -0.7151



44.0355, 34.6444, -1.0268



36.3063, 15.7187, 9.2822



23.3659, 1.1091, 0.8287



23.3698, 41.2970, 5.2131



2.3763, 4.3685, -0.7818

Previews

White Background



This preview shows how the HunterLab color 47.4019, -21.0035, 7.7907 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 47.4019, -21.0035, 7.7907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

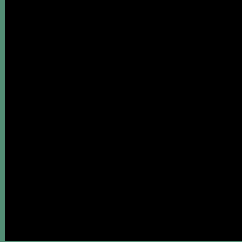
Any Text WCAG AA ✓ Pass

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 47.4019, -21.0035, 7.7907 Background



This preview shows how black text looks on a background with the HunterLab color 47.4019, -21.0035, 7.7907.



This preview shows how white text looks on a background with the HunterLab color 47.4019,

-21.0035, 7.7907.

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

47.4019, -21.0035, 7.7907

Protanopia

46.9920, -2.9500, 9.9299

Deuteranopia

47.0730, 3.4683, 6.2830



Tritanopia

47.5090, -12.4017, -6.4269

Trichromacy



Original Color

47.4019, -21.0035, 7.7907

Protanomaly

46.9301, -10.4622, 8.9976

Deuteranomaly

46.6901, -6.4890, 6.0920

Tritanomaly

47.2716, -15.6157, -0.8288

Monochromacy



Original Color

47.4019, -21.0035, 7.7907

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.9941, -9.6125, 4.1418

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4019, -21.0035, 7.7907 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(83, 142, 117)` looks like.

```
.text, #text, p{  
    color:rgb(83, 142, 117)  
}
```

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(83, 142, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 142, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4019, -21.0035, 7.7907 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(83, 142, 117) }
```


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

```
.border{ border-color:rgb(83, 142, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 142, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 142, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 142, 117);  
box-shadow:4px 4px 4px 4px rgb(83, 142,  
117) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4019, -21.0035, 7.7907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 142, 117) }
```

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

```
.background{ background-color: rgb(83, 142,  
117) }
```

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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