

Converting Colors

HunterLab(46.7233, -16.9241,
17.0524)

Have a look what the booklet for
HunterLab(46.7233, -16.9241,
17.0524) contains.

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Color

**HunterLab(46.7233,
-16.9241, 17.0524)**

Conversions

Conversions Part 1

Format	Color
Hex	6D8957
RGB	109, 137, 87
RGB Percent	43%, 54%, 34%
CMY	0.5725, 0.4627, 0.6588
CMYK	0.20, 0.00, 0.36, 0.46
HSL	94°, 22%, 44%
HSV	94°, 36%, 54%
XYZ	16.9726, 21.8307, 12.3360
YIQ	122.9280, -0.6380, -21.4860

Conversions

Conversions Part 2

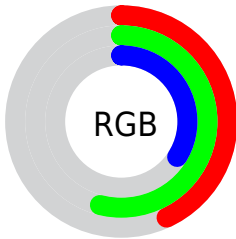
Format	Color
R_{YB}	87, 137, 115
Decimal	7178583
CIE Lab	53.85, -19.50, 23.65
CIE LCh	54, 30.655, 129.512
Yxy	21.8316, 0.3319, 0.4269
Android (android.graphics.Color)	4285368663 (0xFF6D8957)
YUV	122.9280, -17.7125, -12.2149
Hunter-Lab	46.7233, -16.9241, 17.0524

Details

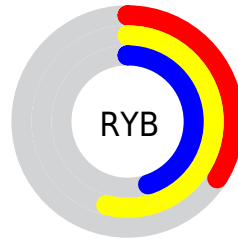
The HunterLab color $46.7233, -16.9241, 17.0524$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $35.0257, 15.1219, -18.2170$, and the grayscale version is $44.5448, -2.3768, 2.4202$.

A 20% lighter version of the original color is $67.9780, -20.1594, 20.8927$, and $28.1729, -13.3662, 12.7112$ is the 20% darker color. If you saturate the color by 10%, you get $46.0032, -20.1212, 19.8032$, and if you desaturate by 10%, it is $47.5240, -13.4077, 13.7846$.

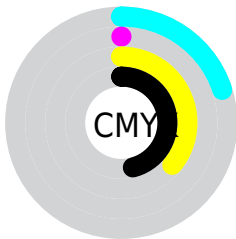
Distribution



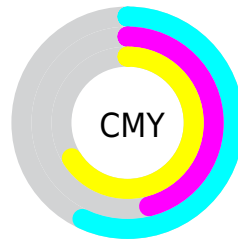
- Red (43%)
- Green (54%)
- Blue (34%)



- Red (34%)
- Yellow (54%)
- Blue (45%)



- Cyan (20%)
- Magenta (0%)
- Yellow (36%)
- Black (46%)



- Cyan (57%)
- Magenta (46%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7233, -16.9241, 17.0524 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 46.7233, -16.9241, 17.0524 by changing the saturation by 10% instead.

■ 46.7233, -16.9241,
17.0524

■ 46.7233, -16.9241,
17.0524

161.7608,
-31.2923, 33.4478

■ 37.0584, -15.1890,
14.9847

■ 68.1671, -20.2487,
20.9453

■ 28.1698, -13.3737,
12.7938

■ 79.8585, -21.8630,
22.8090

■ 20.1336, -11.4404,
10.4282

■ 92.1511, -23.4571,
24.6349

■ 13.0522, -9.3185,
9.0649

■ 105.0168,
-25.0371, 26.4320

■ 6.5268, -11.4218,
4.5687

■ 118.4310,
-26.6075, 28.2070

0.0000, NaN, NaN

0.0000, NaN, NaN

132.3722,

-28.1717, 29.9653

0.0000, NaN, NaN

146.8213,
-29.7326, 31.7111

0.0000, NaN, NaN

■ 46.7233, -16.9241,
17.0524

■ 46.7233, -16.9241,
17.0524

■ 46.0032, -20.1212,
19.8032

■ 47.5240, -13.4077,
13.7846

■ 45.3605, -22.9825,
22.0329

■ 48.4017, -9.5859,
10.0089

■ 44.7954, -25.5003,
23.7488

■ 49.3563, -5.4793,
5.7424

■ 44.3062, -27.6723,
24.9691

■ 50.3865, -1.1092,
1.0065

■ 43.8902, -29.5032,
25.7261

■ 51.4903, 3.5021,
-4.1740

■ 43.5412, -31.0197,
26.0991

■ 52.6656, 8.3325,
-9.7722

■ 43.4299, -31.5052,
26.2097

■ 53.9101, 13.3602,
-15.7597

■ 55.2214, 18.5640,
-22.1081

■ 56.5968, 23.9243,
-28.7891

Harmonies

Analogous

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



46.7243, -6.4300, 20.0351



46.7233, -16.9241, 17.0524



46.7243, -23.0836, 9.9088

Triad

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



46.7243, -16.9252, 17.0528



46.7243, -10.6726, -24.5881



46.7243, 23.8644, 6.1919

Complementary

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



46.7233, -16.9241, 17.0524



35.0257, 15.1219, -18.2170

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.



46.7243, 22.4193, -6.2588



46.7233, -16.9241, 17.0524



46.7243, 1.5735, -26.3551

Square

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



46.7243, -16.9252, 17.0528



46.7243, -19.7478, -14.6136



46.7243, 13.9300, -18.9461



46.7243, 17.6916, 14.9533

Rectangle

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



46.7233, -16.9241, 17.0524



46.7243, -24.3275, 2.7392



46.7243, 13.9300, -18.9461



46.7243, 24.2669, 2.3466

Sweetspot

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



46.7243, -16.9252, 17.0528



65.4287, -9.9861, 10.4742



42.6088, 1.3090, 13.7309



30.9180, -5.0260, 5.2683



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



46.7243, -16.9252, 17.0528



61.7010, -26.3018, 25.9837



45.4404, -21.7716, 15.1426



23.8932, -3.2115, 3.3701



41.9231, -30.3721, 25.3011



3.5382, -1.9823, 2.1455

Inverse Universe

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



35.0257, 15.1219, -18.2170



42.7382, 25.9960, -32.0073



37.2432, 21.4001, -12.8755



22.4082, 0.8135, -1.0104



17.7444, 39.8690, -62.0298



1.7207, 3.5962, -3.9231

Previews

White Background



This preview shows how the HunterLab color 46.7233, -16.9241, 17.0524 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 46.7233, -16.9241, 17.0524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

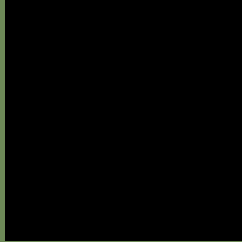
Any Text WCAG AA ✓ Pass

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 46.7233, -16.9241, 17.0524 Background



This preview shows how black text looks on a background with the HunterLab color 46.7233, -16.9241, 17.0524.



This preview shows how white text looks on a background with the HunterLab color 46.7233, -16.9241, 17.0524.

-16.9241, 17.0524.

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

46.7233, -16.9241, 17.0524

Protanopia

46.5337, -4.1991, 17.9136

Deuteranopia

46.5579, 3.1205, 16.4253



Tritanopia

46.5513, -4.2903, -3.4854

Trichromacy



Original Color

46.7233, -16.9241, 17.0524

Protanomaly

46.4280, -8.9338, 17.4771

Deuteranomaly

46.3443, -4.6911, 16.3838

Tritanomaly

46.6186, -9.6821, 5.5507

Monochromacy



Original Color

46.7233, -16.9241, 17.0524

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

45.1837, -7.9426, 8.3456

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7233, -16.9241, 17.0524 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(109, 137, 87)` looks like.

```
.text, #text, p{  
    color:rgb(109, 137, 87)  
}
```

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(109, 137, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 137, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7233, -16.9241, 17.0524 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(109, 137, 87) }
```


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

```
.border{ border-color:rgb(109, 137, 87) }
```

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

Here you see how a box with a 4 pixel rgb(109, 137, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 137, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 137, 87);  
box-shadow:4px 4px 4px 4px rgb(109, 137,  
87) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7233, -16.9241, 17.0524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 137, 87) }
```

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

```
.background{ background-color: rgb(109,  
137, 87) }
```

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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