

Converting Colors

HunterLab(46.6586, -19.6708,
11.7914)

Have a look what the booklet for
HunterLab(46.6586, -19.6708,
11.7914) contains.

HunterLab(46.6818, -19.5741, 11.7884)	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(46.6818,
-19.5741, 11.7884)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8B68
RGB	93, 139, 104
RGB Percent	36%, 55%, 41%
CMY	0.6353, 0.4549, 0.5922
CMYK	0.33, 0.00, 0.25, 0.45
HSL	134°, 20%, 45%
HSV	134°, 33%, 55%
XYZ	16.2455, 21.7919, 16.4468
YIQ	121.2560, -16.1810, -20.6370

Conversions

Conversions Part 2

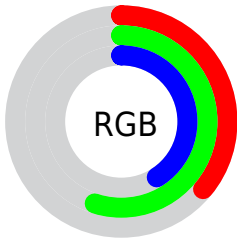
Format	Color
RYB	93, 130, 139
Decimal	6130536
CIELab	53.81, -23.40, 13.84
CIElCh	54, 27.191, 149.399
Yxy	21.7928, 0.2982, 0.4000
Android (android.graphics.Color)	4284320616 (0xFF5D8B68)
YUV	121.2560, -8.5072, -24.7805
Hunter-Lab	46.6818, -19.5741, 11.7884

Details

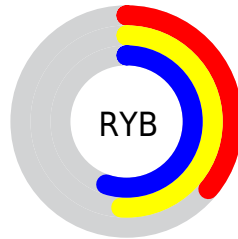
The HunterLab color $46.6818, -19.5741, 11.7884$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $38.5703, 17.9279, -7.3133$, and the grayscale version is $43.8635, -2.3404, 2.3832$.

A 20% lighter version of the original color is $68.2101, -23.4228, 14.6657$, and $28.2412, -15.6096, 9.0022$ is the 20% darker color. If you saturate the color by 10%, you get $45.7499, -23.6424, 14.2278$, and if you desaturate by 10%, it is $47.7639, -14.9923, 9.1935$.

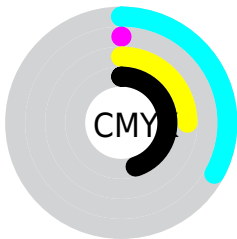
Distribution



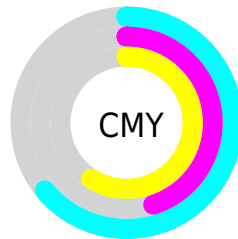
- Red (36%)
- Green (55%)
- Blue (41%)



- Red (36%)
- Yellow (51%)
- Blue (55%)



- Cyan (33%)
- Magenta (0%)
- Yellow (25%)
- Black (45%)



- Cyan (64%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.6818, -19.5741, 11.7884 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 46.6818, -19.5741, 11.7884 by changing the saturation by 10% instead.

■ 46.6818, -19.5741,
11.7884

■ 46.6818, -19.5741,
11.7884

161.6980,
-35.6608, 23.7568

■ 37.0199, -17.5780,
10.4052

■ 68.1200, -23.3593,
14.4787

■ 28.1347, -15.4740,
8.9747

■ 79.8089, -25.1814,
15.8039

■ 20.1022, -13.2129,
7.4689

■ 92.0990, -26.9717,
17.1239

■ 13.0250, -10.7061,
5.9470

■ 104.9623,
-28.7378, 18.4428

■ 6.4915, -11.3602,
4.5441

118.3743,
-30.4856, 19.7635

0.0000, NaN, NaN

132.3134,

0.0000, NaN, NaN

-32.2197, 21.0883

0.0000, NaN, NaN

146.7604,
-33.9438, 22.4189

0.0000, NaN, NaN

■ 46.6818, -19.5741,
11.7884

■ 46.6818, -19.5741,
11.7884

■ 45.7499, -23.6424,
14.2278

■ 47.7639, -14.9923,
9.1935

■ 44.9655, -27.1556,
16.4818

■ 48.9912, -9.9423,
6.4709

■ 44.3274, -30.0879,
18.5247

■ 50.3609, -4.4777,
3.6495

■ 43.8307, -32.4293,
20.3347

■ 51.8683, 1.3475,
0.7561

■ 43.4676, -34.1895,
21.8950

■ 53.5075, 7.4802,
-2.1855

■ 43.2261, -35.4021,
23.1955

■ 55.2723, 13.8710,
-5.1546

■ 43.1013, -36.0387,
23.9243

■ 57.1560, 20.4745,
-8.1338

■ 59.1519, 27.2508,
-11.1092

■ 61.2534, 34.1655,
-14.0697

Harmonies

Analogous

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



46.6828, -12.5732, 17.0636



46.6818, -19.5741, 11.7884



46.6828, -22.0826, 2.7547

Triad

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



46.6828, -19.5749, 11.7889



46.6828, -2.7183, -22.8453



46.6828, 17.7250, 11.4971

Complementary

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



46.6818, -19.5741, 11.7884



38.5703, 17.9279, -7.3133

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.



46.6828, 20.9762, 2.3264



46.6818, -19.5741, 11.7884



46.6828, 8.5217, -18.9868

Square

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



46.6828, -19.5749, 11.7889



46.6828, -12.9287, -18.6807



46.6828, 17.4633, -9.0984



46.6828, 8.9476, 16.9251

Rectangle

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



46.6818, -19.5741, 11.7884



46.6828, -21.0692, -4.7652



46.6828, 17.4633, -9.0984



46.6828, 19.5351, 8.8291

Sweetspot

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



46.6828, -19.5749, 11.7889



66.0674, -11.2547, 7.5850



48.8534, -11.8640, 17.3270



31.6078, -5.8302, 3.8643



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.



46.6828, -19.5749, 11.7889



61.4824, -30.4898, 18.3336



47.2427, -16.3233, 3.7392



23.7204, -3.7516, 2.5712



40.9493, -34.2186, 22.6851



3.3673, -2.6041, 1.4127

Inverse Universe

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



38.5703, 17.9279, -7.3133



48.3311, 30.5535, -12.6140



37.8729, 14.4397, 2.5543



22.6028, 1.3811, -0.0615



24.2724, 45.4294, -14.2542



2.0350, 3.9029, -1.9242

Previews

White Background



This preview shows how the HunterLab color 46.6818, -19.5741, 11.7884 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 46.6818, -19.5741, 11.7884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

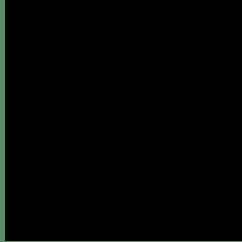
Any Text WCAG AA ✓ Pass

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 46.6818, -19.5741, 11.7884 Background



This preview shows how black text looks on a background with the HunterLab color 46.6818, -19.5741, 11.7884.



This preview shows how white text looks on a background with the HunterLab color 46.6818,

-19.5741, 11.7884.

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

46.6818, -19.5741, 11.7884

Protanopia

46.5377, -3.6249, 13.5738

Deuteranopia

46.3933, 3.2635, 10.8678



Tritanopia

46.7231, -9.4612, -4.8574

Trichromacy



Original Color

46.6818, -19.5741, 11.7884

Protanomaly

46.3757, -10.0073, 12.6609

Deuteranomaly

46.1848, -6.0223, 10.8485

Tritanomaly

46.6797, -13.6098, 2.1461

Monochromacy



Original Color

46.6818, -19.5741, 11.7884

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.7835, -9.1402, 5.9618

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.6818, -19.5741, 11.7884 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(93, 139, 104)` looks like.

```
.text, #text, p{  
    color:rgb(93, 139, 104)  
}
```

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(93, 139, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 139, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 46.6818, -19.5741, 11.7884 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(93, 139, 104) }
```


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

```
.border{ border-color:rgb(93, 139, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 139, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 139, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 139, 104);  
box-shadow:4px 4px 4px 4px rgb(93, 139,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.6818, -19.5741, 11.7884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 139, 104) }
```

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

```
.background{ background-color: rgb(93, 139,  
104) }
```

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