

Converting Colors

HunterLab(46.6808, -17.6281,
23.4468)

Have a look what the booklet for
HunterLab(46.6808, -17.6281,
23.4468) contains.

HunterLab(46.7350, -17.6982, 23.4097)	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(46.7350,
-17.6982, 23.4097)**

Conversions

Conversions Part 1

Format	Color
Hex	73893A
RGB	115, 137, 58
RGB Percent	45%, 54%, 23%
CMY	0.5490, 0.4627, 0.7725
CMYK	0.16, 0.00, 0.58, 0.46
HSL	77°, 41%, 38%
HSV	77°, 58%, 54%
XYZ	16.7796, 21.8416, 7.3345
YIQ	121.4160, 12.2470, -29.2330

Conversions

Conversions Part 2

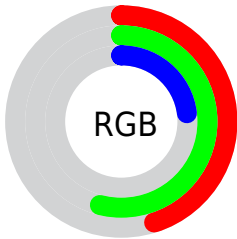
Format	Color
RYB	58, 137, 80
Decimal	7571770
CIELab	53.86, -20.63, 39.07
CIElCh	54, 44.180, 117.831
Yxy	21.8426, 0.3651, 0.4753
Android (android.graphics.Color)	4285761850 (0xFF73893A)
YUV	121.4160, -31.2641, -5.6268
Hunter-Lab	46.7350, -17.6982, 23.4097

Details

The HunterLab color $46.7350, -17.6982, 23.4097$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $25.5701, 20.4357, -38.7660$, and the grayscale version is $44.0035, -2.3479, 2.3908$.

A 20% lighter version of the original color is $68.0769, -20.8544, 29.2274$, and $28.1417, -14.0104, 16.7325$ is the 20% darker color. If you saturate the color by 10%, you get $46.3334, -19.5004, 25.1216$, and if you desaturate by 10%, it is $47.1860, -15.6612, 21.1618$.

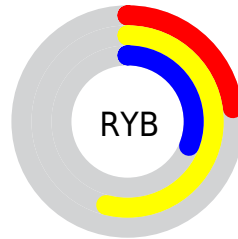
Distribution



Red (45%)

Green (54%)

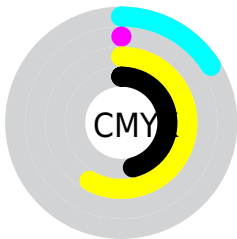
Blue (23%)



Red (23%)

Yellow (54%)

Blue (31%)

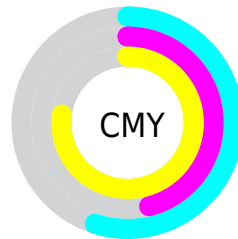


Cyan (16%)

Magenta (0%)

Yellow (58%)

Black (46%)



Cyan (55%)

Magenta (46%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.7350, -17.6982, 23.4097 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 46.7350, -17.6982, 23.4097 by changing the saturation by 10% instead.

46.7350, -17.6982,
23.4097

46.7350, -17.6982,
23.4097

161.7786,
-32.5582, 47.2208

37.0692, -15.8890,
20.2052

68.1804, -21.1546,
29.3184

28.1797, -13.9915,
16.7725

79.8726, -22.8282,
32.0870

20.1424, -11.9651,
13.6741

92.1658, -24.4785,
34.7626

13.0599, -9.7341,
9.1419

105.0321,
-26.1117, 37.3618

6.5367, -11.4392,
4.5757

118.4470,
-27.7329, 39.8978

0.0000, NaN, NaN

0.0000, NaN, NaN

132.3888,

-29.3458, 42.3809

0.0000, NaN, NaN

146.8384,
-30.9534, 44.8196

0.0000, NaN, NaN

■ 46.7350, -17.6982,
23.4097

■ 46.7350, -17.6982,
23.4097

■ 46.3334, -19.5004,
25.1216

■ 47.1860, -15.6612,
21.1618

■ 45.9758, -21.0714,
26.3247

■ 47.6848, -13.3820,
18.3582

■ 45.6604, -22.4250,
27.0598

■ 48.2336, -10.8621,
14.9891

■ 45.3801, -23.5995,
27.4298

■ 48.8331, -8.1042,
11.0510

■ 45.3168, -23.8649,
27.5062

■ 49.4838, -5.1137,
6.5471

■ 50.1857, -1.8977,
1.4857

■ 50.9386, 1.5350,
-4.1206

■ 51.7420, 5.1742,
-10.2553

■ 52.5954, 9.0091,
-16.8989

Harmonies

Analogous

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



46.7360, -1.1679, 25.0457



46.7350, -17.6982, 23.4097



46.7360, -28.5218, 16.9930

Triad

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



46.7360, -17.6995, 23.4101



46.7360, -19.6643, -35.1879



46.7360, 37.7425, 1.2699

Complementary

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



46.7350, -17.6982, 23.4097



25.5701, 20.4357, -38.7660

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.



46.7360, 30.8674, -18.8091



46.7350, -17.6982, 23.4097



46.7360, -3.8098, -44.2781

Square

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



46.7360, -17.6995, 23.4101



46.7360, -29.5286, -15.7617



46.7360, 14.9392, -37.3688



46.7360, 32.5451, 15.5411

Rectangle

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



46.7350, -17.6982, 23.4097



46.7360, -31.9535, 9.0153



46.7360, 14.9392, -37.3688



46.7360, 36.7471, -5.0096

Sweetspot

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



46.7360, -17.6995, 23.4101



65.3717, -10.7338, 14.6250



33.5054, 15.3210, 13.8300



30.8937, -5.3879, 7.3721



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.



46.7360, -17.6995, 23.4101



61.8596, -26.7269, 34.1449



44.4434, -26.6675, 21.5784



24.0336, -2.7133, 3.5313



43.7431, -23.0046, 26.5515



3.6668, -1.4801, 2.2336

Inverse Universe

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



25.5701, 20.4357, -38.7660



28.5559, 35.3505, -69.7844



29.5366, 30.3648, -28.7780



22.2605, 0.3113, -1.2086



14.4030, 36.3463, -81.2395



1.4263, 3.2261, -5.1526

Previews

White Background



This preview shows how the HunterLab color 46.7350, -17.6982, 23.4097 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 46.7350, -17.6982, 23.4097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

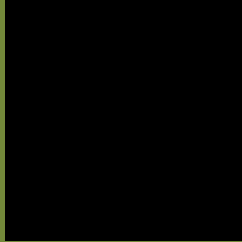
Any Text WCAG AA ✓ Pass

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 46.7350, -17.6982, 23.4097 Background



This preview shows how black text looks on a background with the HunterLab color 46.7350, -17.6982, 23.4097.



This preview shows how white text looks on a background with the HunterLab color 46.7350,

-17.6982, 23.4097.

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

46.7350, -17.6982, 23.4097

Protanopia

46.7076, -5.8115, 24.0911

Deuteranopia

46.4069, 3.1383, 22.8280



Tritanopia

46.8237, -2.0081, -2.1119

Trichromacy



Original Color

46.7350, -17.6982, 23.4097

Protanomaly

46.6633, -10.3654, 23.8184

Deuteranomaly

46.1156, -4.8866, 22.6545

Tritanomaly

46.5760, -8.8798, 9.7658

Monochromacy



Original Color

46.7350, -17.6982, 23.4097

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.7018, -8.7409, 12.0658

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.7350, -17.6982, 23.4097 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(115, 137, 58)` looks like.

```
.text, #text, p{  
    color:rgb(115, 137, 58)  
}
```

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(115, 137, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 137, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 46.7350, -17.6982, 23.4097 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(115, 137, 58) }
```


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

```
.border{ border-color:rgb(115, 137, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 137, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 137, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 137, 58);  
box-shadow:4px 4px 4px 4px rgb(115, 137,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.7350, -17.6982, 23.4097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 137, 58) }
```

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

```
.background{ background-color: rgb(115,  
137, 58) }
```

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