

Converting Colors

Hex(46B178)

Have a look what the booklet for
Hex(46B178) contains.

Hex(46B178)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(46B178)

Conversions

Conversions Part 1

Format	Color
Hex	46B178
RGB	70, 177, 120
RGB Percent	27%, 69%, 47%
CMY	0.7255, 0.3059, 0.5294
CMYK	0.60, 0.00, 0.32, 0.31
HSL	148°, 43%, 48%
HSV	148°, 60%, 69%
XYZ	21.6381, 34.1024, 23.2113
YIQ	138.5090, -45.4750, -40.4110

Conversions

Conversions Part 2

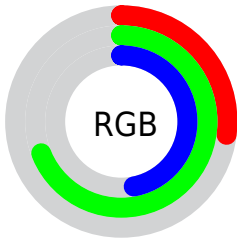
Format	Color
RYB	70, 143, 177
Decimal	4632952
CIELab	65.04, -44.02, 20.26
CIELCh	65, 48.461, 155.293
Yxy	34.1024, 0.2741, 0.4319
Android (android.graphics.Color)	4282823032 (0xFF46B178)
YUV	138.5090, -9.1249, -60.0824
Hunter-Lab	58.3973, -36.0552, 17.3120

Details

The Hex color **46B178** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B1467F**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **80E9AD**, and **007B47** is the 20% darker color. If you saturate the color by 10%, you get **34B16F**, and if you desaturate by 10%, it is **58B181**.

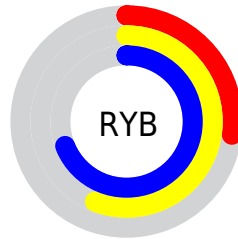
Distribution



Red (27%)

Green (69%)

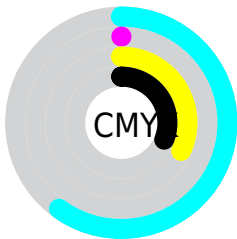
Blue (47%)



Red (27%)

Yellow (56%)

Blue (69%)

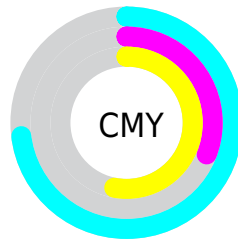


Cyan (60%)

Magenta (0%)

Yellow (32%)

Black (31%)



Cyan (73%)

Magenta (31%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46B178 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 Hex color 46B178 by changing the saturation by 10% instead.

 46B178

 46B178

FFFFFF

 25965F

 80E9AD

 007B47

 9CFFC8

 006230

 B9FFE4

 00491A

 D6FFFF

 003102

 F4FFFF

 001A00

 000000

 46B178

 46B178

 34B16F

 58B181

 23B165

 69B18B

 11B15C

 7BB194

 00B153

 8DB19E

 9FB1A7

 B0B1B1

 C2B1BA

 D4B1C3

 E5B1CD

Harmonies

Analogous

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



82AA54



46B178



00B4A4

Triad

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



46B178



60A0F4



EB806E

Complementary

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



46B178



B1467F

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.



EE7998



46B178



AB8FE5

Square

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



46B178



00ACEC



DA80C3



D48F4F

Rectangle

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



46B178



00B3C2



DA80C3



EE7C7B

Sweetspot

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



46B178



BCE6CF



7FB146



5A7365



F2F2F2



737373

Same Dimension

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



46B178



3EE68C



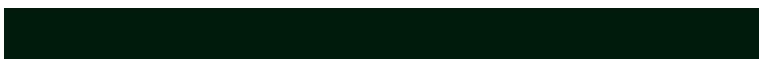
46B1AD



505954



009947



001A0C

Inverse Universe

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



B1467F



E63E97



B1464A



595055



990052



1A000E

Previews

White Background



This preview shows how the Hex color 46B178 looks on a white background.

Color Contrast Check

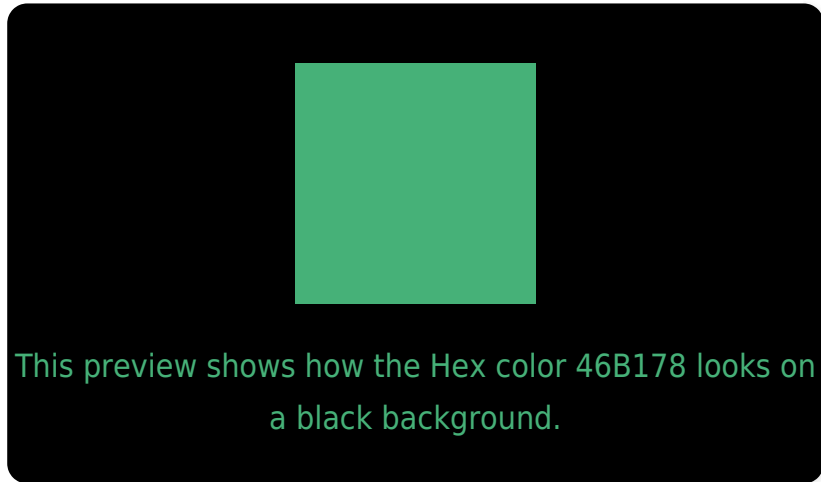
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

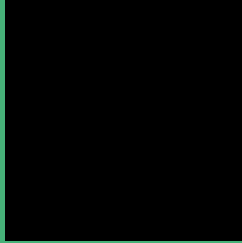
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 46B178 Background



This preview shows how black text looks on a background with the Hex color 46B178.



This preview shows how white text looks on a background with the Hex color 46B178.

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](#).

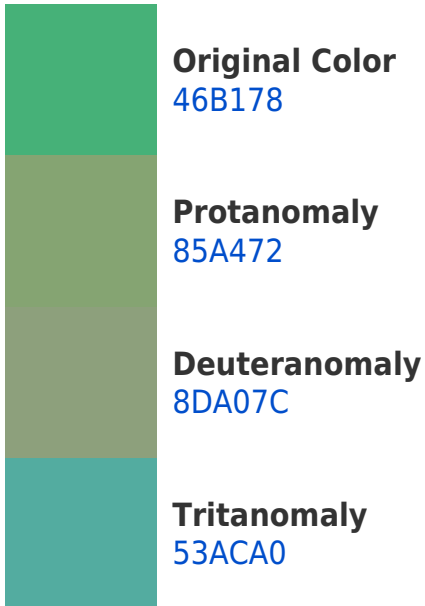
Dichromacy



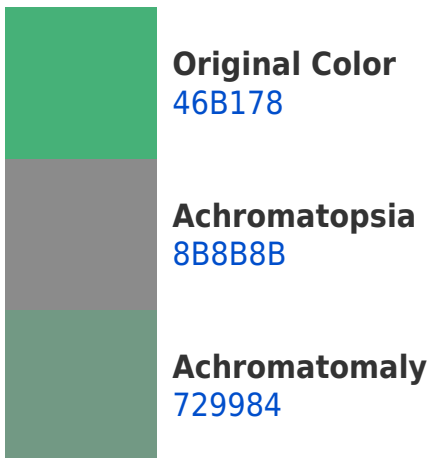


Tritanopia
5AA9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46B178 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 #46B178 looks like.

```
.text, #text, p{  
    color:#46B178  
}
```

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 #46B178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46B178
}
```

Border

The CSS property to change the border of an element to Hex 46B178 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
#46B178 }
```

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

```
.border{ border-color:#46B178 }
```

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

Here you see how a box with a 4 pixel #46B178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46B178; -webkit-box-shadow:4px 4px  
4px 4px #46B178; box-shadow:4px 4px 4px  
4px #46B178 }
```

Background

The CSS property to change the background color of an element to Hex 46B178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46B178 }
```

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

```
.background{ background-color:#46B178 }
```

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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