

Converting Colors

Hex(40B180)

Have a look what the booklet for
Hex(40B180) contains.

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Color

Hex(40B180)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 40B180 |
| RGB | 64, 177, 128 |
| RGB Percent | 25%, 69%, 50% |
| CMY | 0.7490, 0.3059, 0.4980 |
| CMYK | 0.64, 0.00, 0.28, 0.31 |
| HSL | 154°, 47%, 47% |
| HSV | 154°, 64%, 69% |
| XYZ | 21.7328, 34.0928, 25.8572 |
| YIQ | 137.6270, -51.6190, -39.1950 |

Conversions

Conversions Part 2

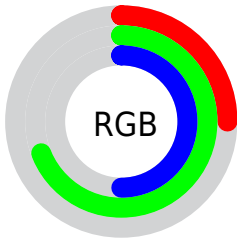
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 64, 136, 177 |
| Decimal | 4239744 |
| CIELab | 65.04, -43.55, 15.87 |
| CIELCh | 65, 46.347, 159.982 |
| Yxy | 34.0928, 0.2661, 0.4174 |
| Android (android.graphics.Color) | 4282429824 (0xFF40B180) |
| YUV | 137.6270, -4.7461, -64.5709 |
| Hunter-Lab | 58.3890, -35.7419, 14.6161 |

Details

The Hex color **40B180** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B14071**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7BE9B5**, and **007B4F** is the 20% darker color. If you saturate the color by 10%, you get **2EB178**, and if you desaturate by 10%, it is **52B188**.

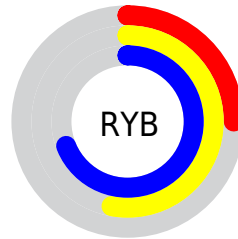
Distribution



Red (25%)

Green (69%)

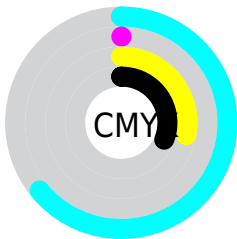
Blue (50%)



Red (25%)

Yellow (53%)

Blue (69%)

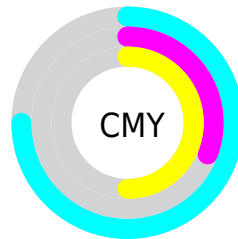


Cyan (64%)

Magenta (0%)

Yellow (28%)

Black (31%)



Cyan (75%)

Magenta (31%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40B180 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 40B180 by changing the saturation by 10% instead.

 40B180

 40B180

FFFFFF

 1B9667

 7BE9B5

 007B4F

 98FFD1

 006238

 B5FFED

 004922

 D2FFFF

 00310C

 F0FFFF

 001A00

 000000

 40B180

 40B180

 2EB178

 52B188

 1DB171

 63B18F

 0BB169

 75B197

 00B164

 87B19F

 99B1A6

 AAB1AE

 BCB1B6

 CEB1BD

 DFB1C5

Harmonies

Analogous

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



7CAB5C



40B180



00B3AB

Triad

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



40B180



729DEF



E6836B

Complementary

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



40B180



B14071

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.



EC7B91



40B180



B38EDE

Square

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



40B180



00AAEB



DC80BB



CE924F

Rectangle

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



40B180



00B2C6



DC80BB



EA7F77

Sweetspot

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



40B180



BAE6D3



73B140



587367



F2F2F2



737373

Same Dimension

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



40B180



35E699



40ABB1



505955



009957



001A0E

Inverse Universe

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



B14071



E63581



B14640



595054



990042



1A000B

Previews

White Background



This preview shows how the Hex color 40B180 looks on a white background.

Color Contrast Check

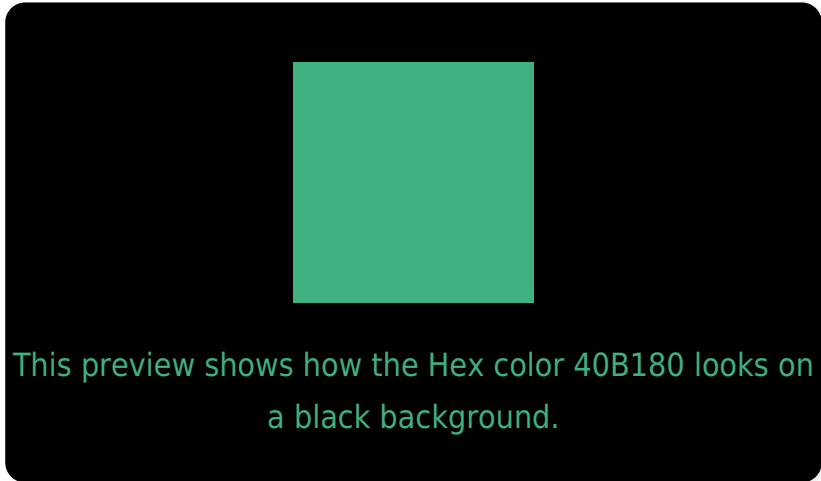
Large Text (above 18pt) WCAG AA × Fail

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 40B180 Background



This preview shows how black text looks on a background with the Hex color 40B180.



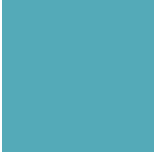
This preview shows how white text looks on a background with the Hex color 40B180.

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](#).

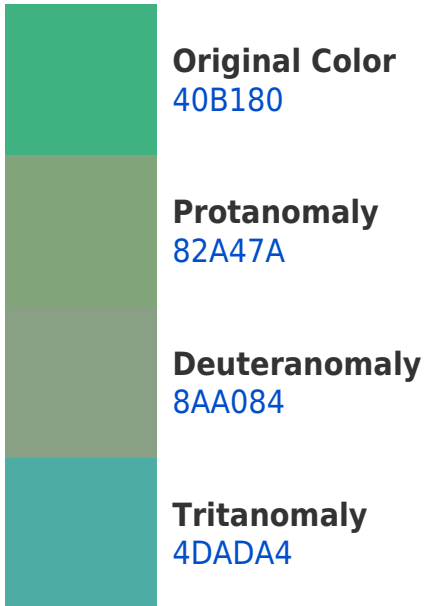
Dichromacy



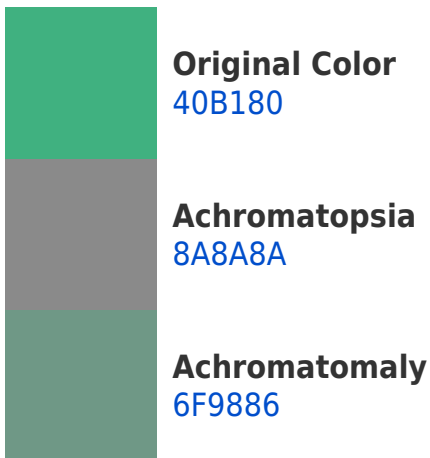


Tritanopia
54AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 40B180 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 #40B180 looks like.

```
.text, #text, p{  
    color:#40B180  
}
```

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 #40B180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40B180
}
```

Border

The CSS property to change the border of an element to Hex 40B180 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
#40B180 }
```

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

```
.border{ border-color:#40B180 }
```

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

Here you see how a box with a 4 pixel #40B180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40B180; -webkit-box-shadow:4px 4px  
4px 4px #40B180; box-shadow:4px 4px 4px  
4px #40B180 }
```

Background

The CSS property to change the background color of an element to Hex 40B180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40B180 }
```

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

```
.background{ background-color:#40B180 }
```

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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