

Converting Colors

Hex(3BB180)

Have a look what the booklet for
Hex(3BB180) contains.

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Color

Hex(3BB180)

Conversions

Conversions Part 1

Format	Color
Hex	3BB180
RGB	59, 177, 128
RGB Percent	23%, 69%, 50%
CMY	0.7686, 0.3059, 0.4980
CMYK	0.67, 0.00, 0.28, 0.31
HSL	155°, 50%, 46%
HSV	155°, 67%, 69%
XYZ	21.4221, 33.9326, 25.8427
YIQ	136.1320, -54.5990, -40.2550

Conversions

Conversions Part 2

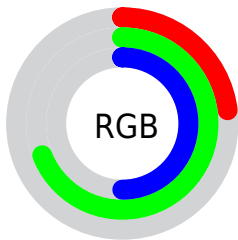
Format	Color
RYB	59, 133, 177
Decimal	3912064
CIELab	64.91, -44.46, 15.67
CIELCh	65, 47.143, 160.587
Yxy	33.9326, 0.2638, 0.4179
Android (android.graphics.Color)	4282102144 (0xFF3BB180)
YUV	136.1320, -4.0091, -67.6448
Hunter-Lab	58.2517, -36.2971, 14.4729

Details

The Hex color **3BB180** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B13B6C**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **77E9B5**, and **007B4F** is the 20% darker color. If you saturate the color by 10%, you get **29B179**, and if you desaturate by 10%, it is **4DB187**.

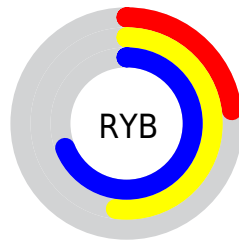
Distribution



Red (23%)

Green (69%)

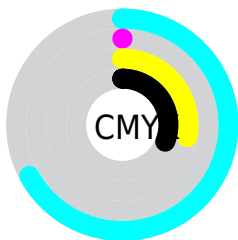
Blue (50%)



Red (23%)

Yellow (52%)

Blue (69%)

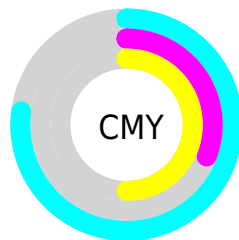


Cyan (67%)

Magenta (0%)

Yellow (28%)

Black (31%)



Cyan (77%)

Magenta (31%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BB180 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 3BB180 by changing the saturation by 10% instead.

 3BB180

 3BB180

FFFFFF

 119667

 77E9B5

 007B4F

 94FFD1

 006238

 B1FFED

 004922

 CFFFFFF

 00310C

 EDFFFF

 001A00

 000000

 3BB180

 3BB180

 29B179

 4DB187

■ 18B171

■ 5EB18F

■ 06B16A

■ 70B196

■ 00B167

■ 82B19D

■ 94B1A5

■ A5B1AC

■ B7B1B3

■ C9B1BB

■ DAB1C2

Harmonies

Analogous

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



7AAB5B



3BB180



00B3AC

Triad

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



3BB180



729DF0



E68269

Complementary

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



3BB180



B13B6C

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.



ED7A90



3BB180



B48DDE

Square

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



3BB180



00AAEC



DD7EBB



CD914D

Rectangle

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



3BB180



00B2C7



DD7EBB



EB7F75

Sweetspot

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



3BB180



B8E6D2



6CB13B



577367



F2F2F2



737373

Same Dimension

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



3BB180



2EE699



3BA7B1



505956



009959



001A0F

Inverse Universe

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



B13B6C



E62E7A



B1453B



595054



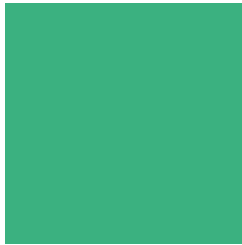
990040



1A000B

Previews

White Background



This preview shows how the Hex color 3BB180 looks on a white background.

Color Contrast Check

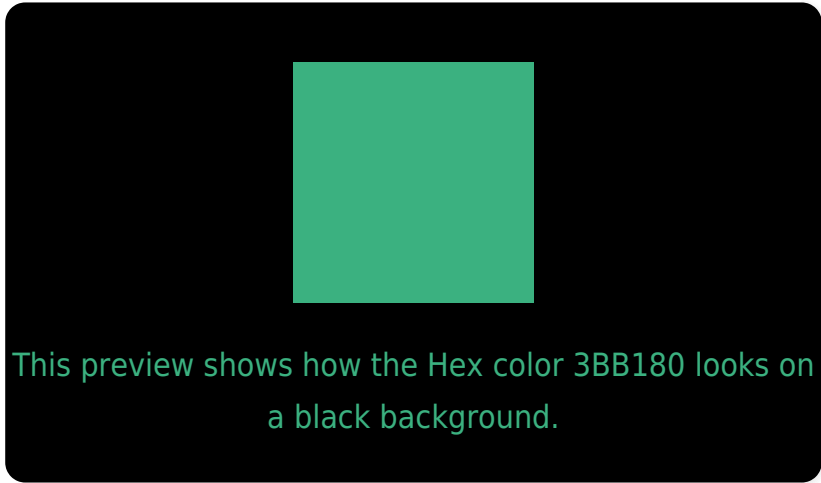
Large Text (above 18pt) WCAG AA × Fail

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

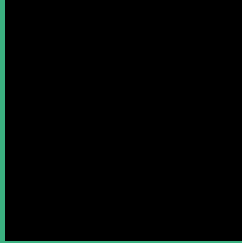
Any Text WCAG AA ✓ Pass

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 3BB180 Background



This preview shows how black text looks on a background with the Hex color 3BB180.



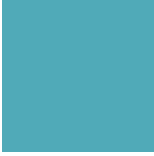
This preview shows how white text looks on a background with the Hex color 3BB180.

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](#).

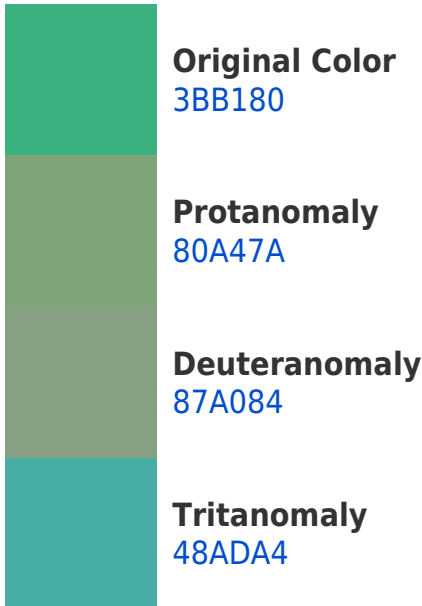
Dichromacy





Tritanopia
50AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BB180 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 #3BB180 looks like.

```
.text, #text, p{  
    color:#3BB180  
}
```

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 #3BB180 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BB180
}
```

Border

The CSS property to change the border of an element to Hex 3BB180 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
#3BB180 }
```

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

```
.border{ border-color:#3BB180 }
```

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

Here you see how a box with a 4 pixel #3BB180 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BB180; -webkit-box-shadow:4px 4px  
4px 4px #3BB180; box-shadow:4px 4px 4px  
4px #3BB180 }
```

Background

The CSS property to change the background color of an element to Hex 3BB180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BB180 }
```

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

```
.background{ background-color:#3BB180 }
```

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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