

Converting Colors

Hex(3BA178)

Have a look what the booklet for
Hex(3BA178) contains.

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Color

Hex(3BA178)

Conversions

Conversions Part 1

Format	Color
Hex	3BA178
RGB	59, 161, 120
RGB Percent	23%, 63%, 47%
CMY	0.7686, 0.3686, 0.5294
CMYK	0.63, 0.00, 0.25, 0.37
HSL	156°, 46%, 43%
HSV	156°, 63%, 63%
XYZ	17.9387, 27.7756, 22.1851
YIQ	125.8280, -47.6310, -34.3750

Conversions

Conversions Part 2

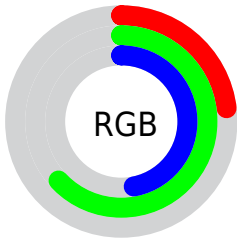
Format	Color
RYB	59, 123, 161
Decimal	3907960
CIELab	59.69, -39.43, 12.80
CIELCh	60, 41.452, 162.007
Yxy	27.7756, 0.2642, 0.4091
Android (android.graphics.Color)	4282098040 (0xFF3BA178)
YUV	125.8280, -2.8732, -58.6082
Hunter-Lab	52.7026, -31.4725, 11.9338

Details

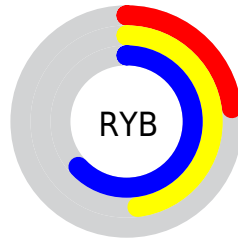
The Hex color **3BA178** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A13B64**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **75D9AC**, and **006C47** is the 20% darker color. If you saturate the color by 10%, you get **2BA172**, and if you desaturate by 10%, it is **4BA17E**.

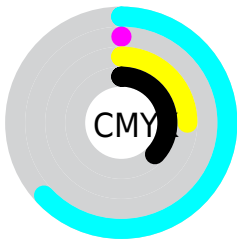
Distribution



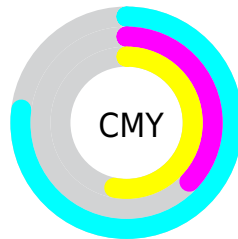
- Red (23%)
- Green (63%)
- Blue (47%)



- Red (23%)
- Yellow (48%)
- Blue (63%)



- Cyan (63%)
- Magenta (0%)
- Yellow (25%)
- Black (37%)



- Cyan (77%)
- Magenta (37%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BA178 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 3BA178 by changing the saturation by 10% instead.

 3BA178

 3BA178

FFFFFF

 17865F

 75D9AC

 006C47

 91F5C8

 005331

 ADFFE4

 003B1C

 CAFFFF

 002702

 E8FFFF

 000000

 3BA178

 3BA178

 2BA172

 4BA17E

 1BA16B

 5BA185

 0BA165

 6BA18B

 00A160

 7BA192

 8BA198

 9CA19F

 ACA1A5

 BCA1AC

 CCA1B2

Harmonies

Analogous

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



709C58



3BA178



00A39E

Triad

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



3BA178



6F8FD7



CF7961

Complementary

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



3BA178



A13B64

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.



D57282



3BA178



A681C6

Square

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



3BA178



009AD5



C875A7



B8864A

Rectangle

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



3BA178



00A2B5



C875A7



D3766B

Sweetspot

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



3BA178



A9D1C1



65A13B



51695F



E8E8E8



696969

Same Dimension

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



3BA178



32D191



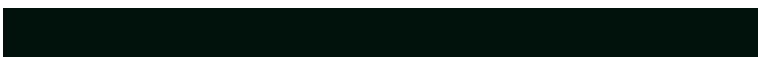
3B99A1



49524E



009157



00120B

Inverse Universe

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



A13B64



D13272



A1443B



52494D



91003A



120007

Previews

White Background



This preview shows how the Hex color 3BA178 looks on a white background.

Color Contrast Check

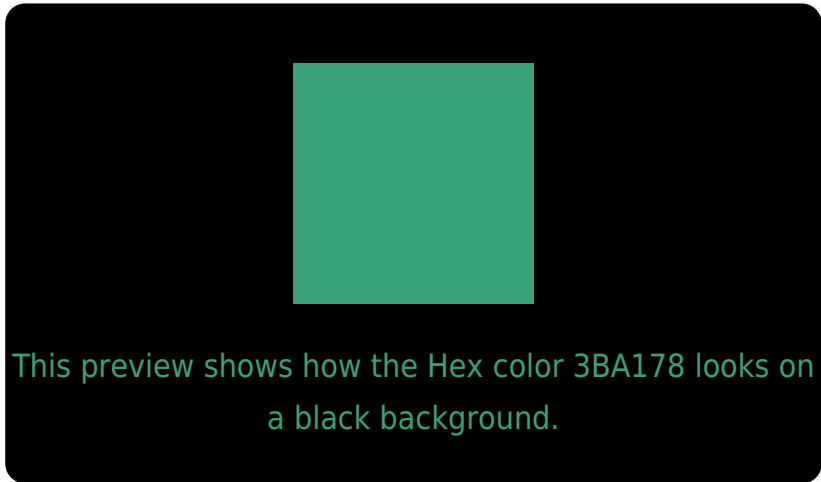
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

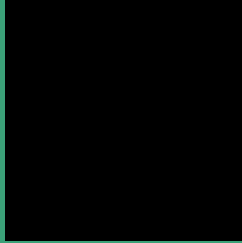
Any Text WCAG AA ✓ Pass

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](#).

Hex 3BA178 Background



This preview shows how black text looks on a background with the Hex color 3BA178.



This preview shows how white text looks on a background with the Hex color 3BA178.

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](#).

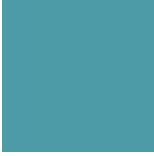
Dichromacy



Original Color
3BA178

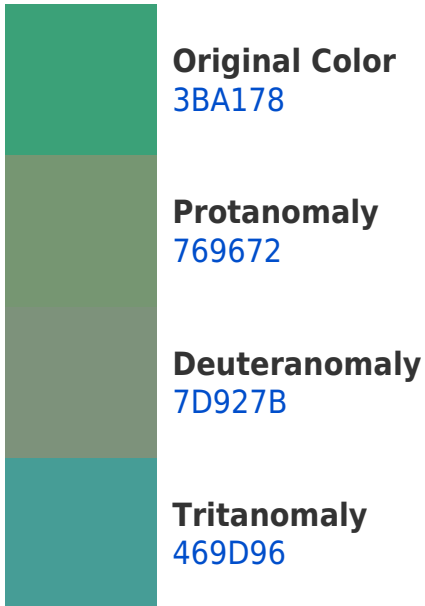
Protanopia
988F6F

Deuteranopia
A38A7D

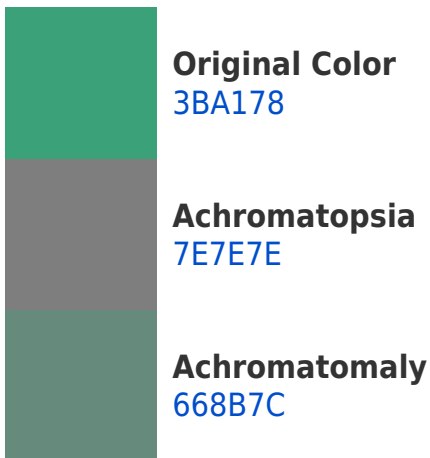


Tritanopia
4C9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3BA178 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 #3BA178 looks like.

```
.text, #text, p{  
    color:#3BA178  
}
```

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 #3BA178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BA178  
}
```

Border

The CSS property to change the border of an element to Hex 3BA178 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  
#3BA178 }
```

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

```
.border{ border-color:#3BA178 }
```

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

Here you see how a box with a 4 pixel #3BA178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BA178; -webkit-box-shadow:4px 4px  
4px 4px #3BA178; box-shadow:4px 4px 4px  
4px #3BA178 }
```

Background

The CSS property to change the background color of an element to Hex 3BA178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BA178 }
```

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

```
.background{ background-color:#3BA178 }
```

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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