

Converting Colors

Hex(3FB480)

Have a look what the booklet for
Hex(3FB480) contains.

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Color

Hex(3FB480)

Conversions

Conversions Part 1

Format	Color
Hex	3FB480
RGB	63, 180, 128
RGB Percent	25%, 71%, 50%
CMY	0.7529, 0.2941, 0.4980
CMYK	0.65, 0.00, 0.29, 0.29
HSL	153°, 48%, 48%
HSV	153°, 65%, 71%
XYZ	22.2674, 35.2578, 26.0539
YIQ	139.0890, -53.0400, -40.9760

Conversions

Conversions Part 2

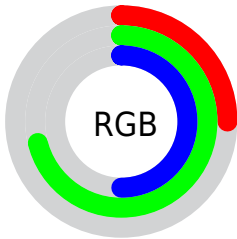
Format	Color
RYB	63, 138, 180
Decimal	4174976
CIELab	65.95, -44.99, 17.13
CIELCh	66, 48.143, 159.162
Yxy	35.2578, 0.2664, 0.4218
Android (android.graphics.Color)	4282365056 (0xFF3FB480)
YUV	139.0890, -5.4669, -66.7301
Hunter-Lab	59.3783, -36.9727, 15.5496

Details

The Hex color **3FB480** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B43F73**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **7BEDB5**, and **007E4F** is the 20% darker color. If you saturate the color by 10%, you get **2DB478**, and if you desaturate by 10%, it is **51B488**.

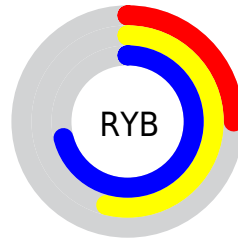
Distribution



Red (25%)

Green (71%)

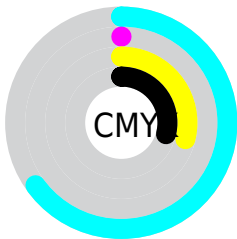
Blue (50%)



Red (25%)

Yellow (54%)

Blue (71%)

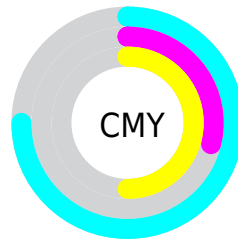


Cyan (65%)

Magenta (0%)

Yellow (29%)

Black (29%)



Cyan (75%)

Magenta (29%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FB480 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 3FB480 by changing the saturation by 10% instead.



3FB480



3FB480

FFFFFF



199967



7BEDB5



007E4F



98FFD1



006437



B5FFED



004B22



D2FFFF



00340C



F0FFFF



001D00



000000



3FB480



3FB480



2DB478



51B488

 1BB470

 63B490

 09B468

 75B498

 00B464

 87B4A0

 99B4A8

 ABB4B0

 BDB4B8

 CFB4C0

 E1B4C8

Harmonies

Analogous

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



7FAD5B



3FB480



00B6AD

Triad

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



3FB480



6FA0F5



EB846C

Complementary

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



3FB480



B43F73

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.



F17C95



3FB480



B590E3

Square

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



3FB480



00ADF0



E081C0



D3934F

Rectangle

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



3FB480



00B5C9



E081C0



F08079

Sweetspot

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



3FB480



BCEBD6



74B43F



597569



F5F5F5



757575

Same Dimension

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



3FB480



34EB99



3FAEB4



505955



009955



001A0E

Inverse Universe

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



B43F73



EB3485



B4453F



595054



990044



1A000B

Previews

White Background



This preview shows how the Hex color 3FB480 looks on a white background.

Color Contrast Check

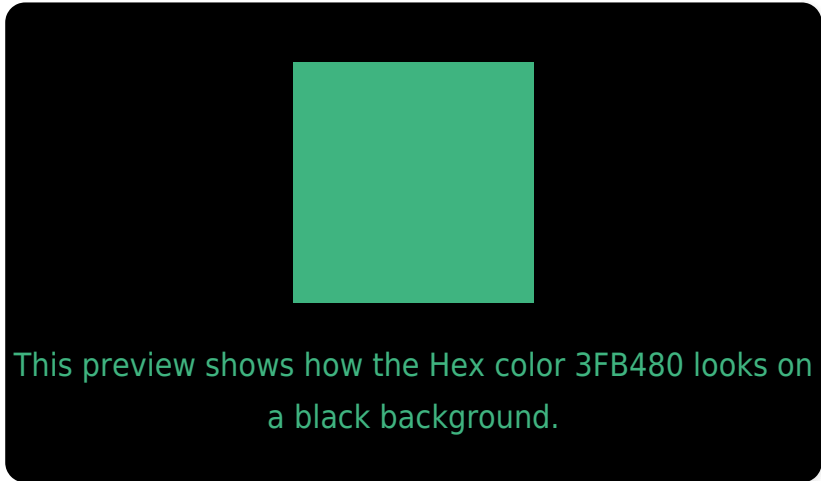
Large Text (above 18pt) WCAG AA × Fail

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

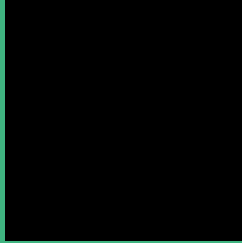
Any Text WCAG AA ✓ Pass

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 3FB480 Background



This preview shows how black text looks on a background with the Hex color 3FB480.



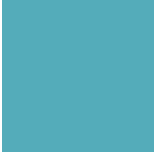
This preview shows how white text looks on a background with the Hex color 3FB480.

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
54ACBA

Trichromacy



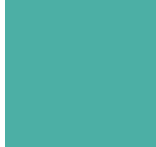
Original Color
3FB480



Protanomaly
84A77A



Deuteranomaly
8BA384



Tritanomaly
4CAFA5

Monochromacy



Original Color
3FB480



Achromatopsia
8B8B8B



Achromatomaly
6F9A87

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FB480 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 #3FB480 looks like.

```
.text, #text, p{  
    color:#3FB480  
}
```

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 #3FB480 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FB480
}
```

Border

The CSS property to change the border of an element to Hex 3FB480 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
#3FB480 }
```

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

```
.border{ border-color:#3FB480 }
```

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

Here you see how a box with a 4 pixel #3FB480 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FB480; -webkit-box-shadow:4px 4px  
4px 4px #3FB480; box-shadow:4px 4px 4px  
4px #3FB480 }
```

Background

The CSS property to change the background color of an element to Hex 3FB480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FB480 }
```

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

```
.background{ background-color:#3FB480 }
```

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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