

Converting Colors

Hex(5FB073)

Have a look what the booklet for
Hex(5FB073) contains.

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Color

Hex(5FB073)

Conversions

Conversions Part 1

Format	Color
Hex	5FB073
RGB	95, 176, 115
RGB Percent	37%, 69%, 45%
CMY	0.6275, 0.3098, 0.5490
CMYK	0.46, 0.00, 0.35, 0.31
HSL	135°, 34%, 53%
HSV	135°, 46%, 69%
XYZ	23.3392, 34.7214, 21.6914
YIQ	144.8270, -28.6950, -36.1430

Conversions

Conversions Part 2

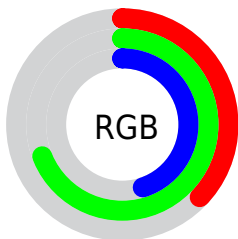
Format	Color
RYB	95, 160, 176
Decimal	6271091
CIELab	65.53, -38.33, 23.76
CIELCh	66, 45.095, 148.200
Yxy	34.7214, 0.2926, 0.4354
Android (android.graphics.Color)	4284461171 (0xFF5FB073)
YUV	144.8270, -14.7047, -43.6983
Hunter-Lab	58.9248, -32.4176, 19.4215

Details

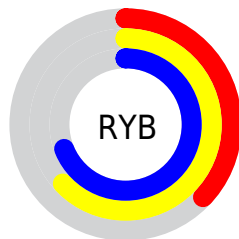
The Hex color **5FB073** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B05F9C**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **96E8A7**, and **277B42** is the 20% darker color. If you saturate the color by 10%, you get **4DB066**, and if you desaturate by 10%, it is **71B080**.

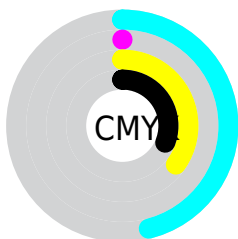
Distribution



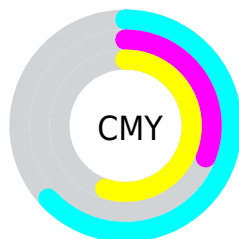
- Red (37%)
- Green (69%)
- Blue (45%)



- Red (37%)
- Yellow (63%)
- Blue (69%)



- Cyan (46%)
- Magenta (0%)
- Yellow (35%)
- Black (31%)



- Cyan (63%)
- Magenta (31%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FB073 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 5FB073 by changing the saturation by 10% instead.

 5FB073

 5FB073

FFFFFF

 44955A

 96E8A7

 277B42

 B2FFC3

 00612B

 CEFFDF

 004915

 EBFFFB

 003100


 001C00

 000000

 5FB073

 5FB073

 4DB066

 71B080

 3CB058

 82B08E

 2AB04B

 94B09B

 19B03E

 A5B0A8

 07B031

 B7B0B5

 00B02B

 C9B0C3

 DAB0D0

 ECB0DD

 FDB0EA

Harmonies

Analogous

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



91A855



5FB073



00B49B

Triad

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



5FB073



54A4F0



EA817B

Complementary

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



5FB073



B05F9C

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.



E87EA3



5FB073



9F96E6

Square

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



5FB073



00AEE3



CF86CA



D98D5B

Rectangle

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



5FB073



00B4B7



CF86CA



EC7F88

Sweetspot

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



5FB073



C5E6CD



9DB05F



5F7364



F2F2F2



737373

Same Dimension

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



5FB073



67E686



5FB09A



505953



009926



001A06

Inverse Universe

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



B05F9C



E667C6



B05F75



595057



990073



1A0013

Previews

White Background



This preview shows how the Hex color 5FB073 looks on a white background.

Color Contrast Check

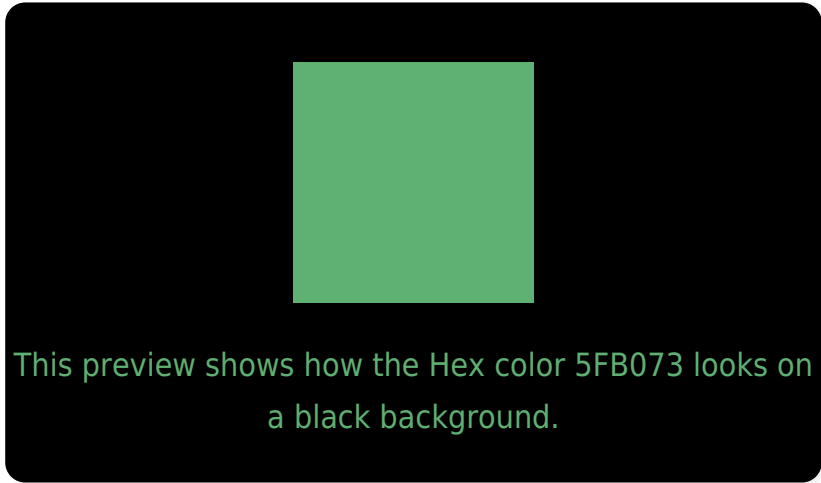
Large Text (above 18pt) WCAG AA × Fail

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

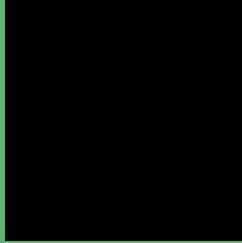
Any Text WCAG AA ✓ Pass

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 5FB073 Background



This preview shows how black text looks on a background with the Hex color 5FB073.

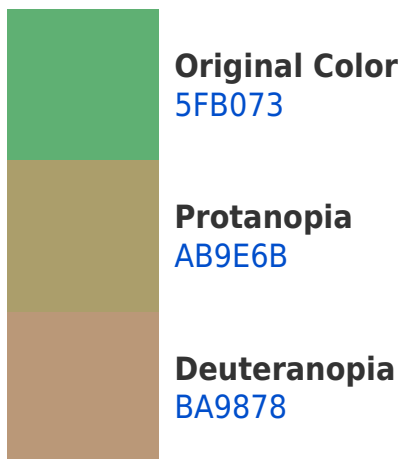


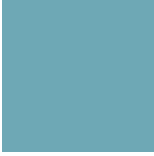
This preview shows how white text looks on a background with the Hex color 5FB073.

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](#).

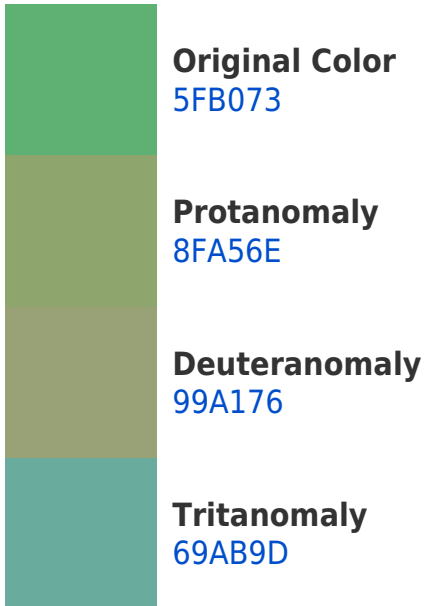
Dichromacy



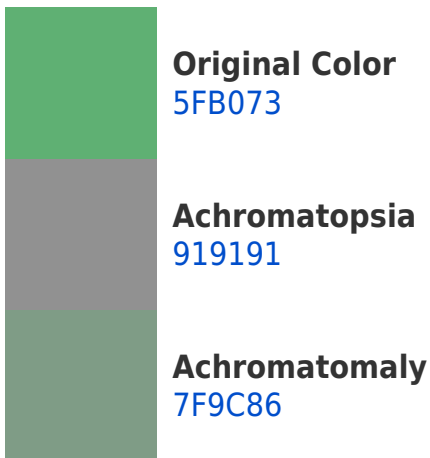


Tritanopia
6EA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5FB073 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 #5FB073 looks like.

```
.text, #text, p{  
    color:#5FB073  
}
```

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 #5FB073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FB073
}
```

Border

The CSS property to change the border of an element to Hex 5FB073 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
#5FB073 }
```

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

```
.border{ border-color:#5FB073 }
```

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

Here you see how a box with a 4 pixel #5FB073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FB073; -webkit-box-shadow:4px 4px  
4px 4px #5FB073; box-shadow:4px 4px 4px  
4px #5FB073 }
```

Background

The CSS property to change the background color of an element to Hex 5FB073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FB073 }
```

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

```
.background{ background-color:#5FB073 }
```

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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