

Converting Colors

Hex(4FB73D)

Have a look what the booklet for
Hex(4FB73D) contains.

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Color

Hex(4FB73D)

Conversions

Conversions Part 1

Format	Color
Hex	4FB73D
RGB	79, 183, 61
RGB Percent	31%, 72%, 24%
CMY	0.6902, 0.2824, 0.7608
CMYK	0.57, 0.00, 0.67, 0.28
HSL	111°, 50%, 48%
HSV	111°, 67%, 72%
XYZ	21.0002, 35.8662, 10.2309
YIQ	137.9960, -22.8220, -59.9900

Conversions

Conversions Part 2

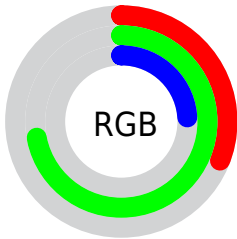
Format	Color
RYB	61, 183, 165
Decimal	5224253
CIELab	66.42, -52.98, 51.17
CIElCh	66, 73.656, 135.991
Yxy	35.8662, 0.3130, 0.5345
Android (android.graphics.Color)	4283414333 (0xFF4FB73D)
YUV	137.9960, -37.9590, -51.7395
Hunter-Lab	59.8884, -42.2125, 31.7932

Details

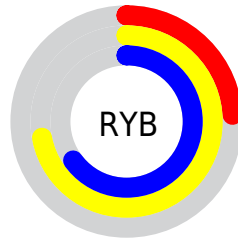
The Hex color **4FB73D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **A53DB7**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **8AF072**, and **008100** is the 20% darker color. If you saturate the color by 10%, you get **3FB72B**, and if you desaturate by 10%, it is **5FB74F**.

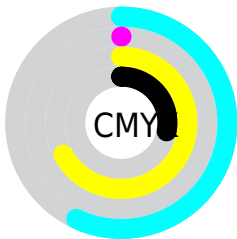
Distribution



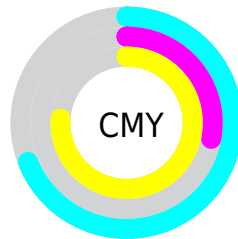
- Red (31%)
- Green (72%)
- Blue (24%)



- Red (24%)
- Yellow (72%)
- Blue (65%)



- Cyan (57%)
- Magenta (0%)
- Yellow (67%)
- Black (28%)



- Cyan (69%)
- Magenta (28%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FB73D 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 4FB73D by changing the saturation by 10% instead.



4FB73D



4FB73D

FFFFFF



2E9C21



8AF072



008100



A7FF8D



006700



C4FFA8



004E00



E2FFC4



003600



FFFFE1



001E00

FFFFFFE



000000



4FB73D



4FB73D



3FB72B



5FB74F

 30B718

 6EB762

 20B706

 7EB774

 1BB700

 8DB786

 9DB799

 ADB7AB

 BCB7BD

 CCB7CF

 DBB7E2

Harmonies

Analogous

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



A0A900



4FB73D



00BE7F

Triad

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



4FB73D



00B2FF



FF5F81

Complementary

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



4FB73D



A53DB7

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.



FF63C3



4FB73D



599DFF

Square

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



4FB73D



00BDFE



D17FFE



FF7644

Rectangle

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



4FB73D



00C0AD



D17FFE



FF5C97

Sweetspot

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



4FB73D



C5EDBE



B7A53D



5F785B



F7F7F7



787878

Same Dimension

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



4FB73D



4BED2F



3DB768



545C53



179C00



041C00

Inverse Universe

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



A53DB7



D12FED



B73D8C



5A535C



85009C



18001C

Previews

White Background



This preview shows how the Hex color 4FB73D looks on a white background.

Color Contrast Check

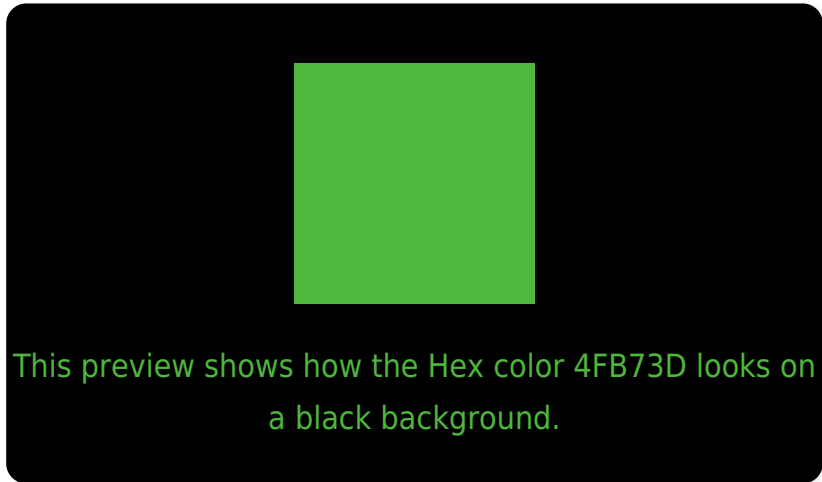
Large Text (above 18pt) WCAG AA × Fail

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

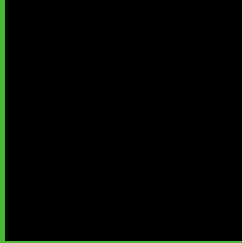
Any Text WCAG AA ✓ Pass

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 4FB73D Background



This preview shows how black text looks on a background with the Hex color 4FB73D.



This preview shows how white text looks on a background with the Hex color 4FB73D.

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
4FB73D

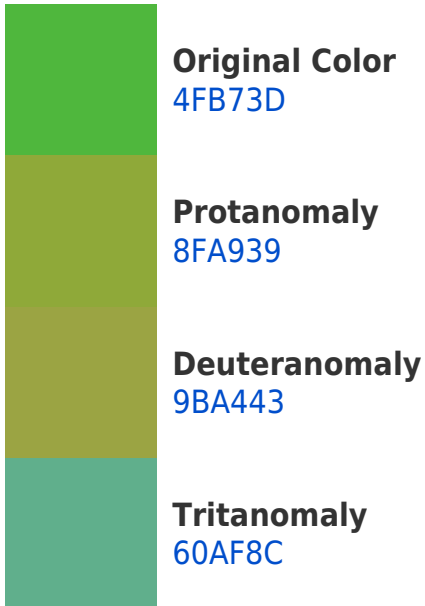
Protanopia
B3A137

Deuteranopia
C79947

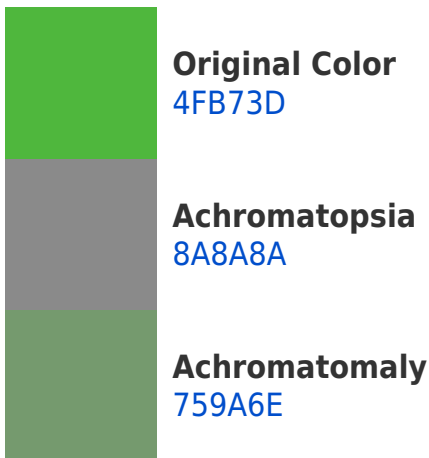


Tritanopia
69ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FB73D 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 #4FB73D looks like.

```
.text, #text, p{  
    color:#4FB73D  
}
```

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 #4FB73D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB73D
}
```

Border

The CSS property to change the border of an element to Hex 4FB73D 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
#4FB73D }
```

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

```
.border{ border-color:#4FB73D }
```

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

Here you see how a box with a 4 pixel #4FB73D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB73D; -webkit-box-shadow:4px 4px  
4px 4px #4FB73D; box-shadow:4px 4px 4px  
4px #4FB73D }
```

Background

The CSS property to change the background color of an element to Hex 4FB73D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB73D }
```

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

```
.background{ background-color:#4FB73D }
```

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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