

Converting Colors

Hex(4FB55D)

Have a look what the booklet for
Hex(4FB55D) contains.

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Color

Hex(4FB55D)

Conversions

Conversions Part 1

Format	Color
Hex	4FB55D
RGB	79, 181, 93
RGB Percent	31%, 71%, 36%
CMY	0.6902, 0.2902, 0.6353
CMYK	0.56, 0.00, 0.49, 0.29
HSL	128°, 41%, 51%
HSV	128°, 56%, 71%
XYZ	21.7241, 35.5003, 16.0632
YIQ	140.4700, -32.5440, -48.9920

Conversions

Conversions Part 2

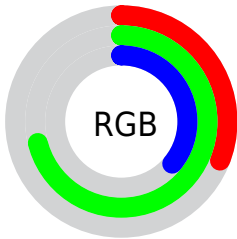
Format	Color
RYB	79, 169, 181
Decimal	5223773
CIELab	66.14, -48.33, 35.94
CIElCh	66, 60.226, 143.367
Yxy	35.5003, 0.2964, 0.4844
Android (android.graphics.Color)	4283413853 (0xFF4FB55D)
YUV	140.4700, -23.4027, -53.9092
Hunter-Lab	59.5821, -39.1863, 25.7231

Details

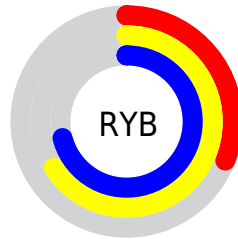
The Hex color **4FB55D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B54FA7**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **88EE91**, and **007F2C** is the 20% darker color. If you saturate the color by 10%, you get **3DB54D**, and if you desaturate by 10%, it is **61B56D**.

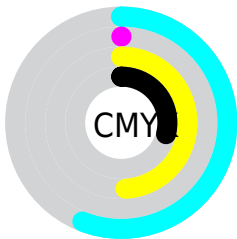
Distribution



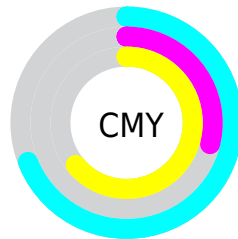
- Red (31%)
- Green (71%)
- Blue (36%)



- Red (31%)
- Yellow (66%)
- Blue (71%)



- Cyan (56%)
- Magenta (0%)
- Yellow (49%)
- Black (29%)



- Cyan (69%)
- Magenta (29%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FB55D 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 4FB55D by changing the saturation by 10% instead.



4FB55D



4FB55D

FFFFFF



309A44



88EE91



007F2C



A5FFAC



006513



C2FFC8



004C00



DFFFE4



003400



FDFFFF



001E00



000000



4FB55D



4FB55D



3DB54D



61B56D

 2BB53E

 73B57C

 19B52E

 85B58C

 07B51F

 97B59B

 00B519

 AAB5AB

 BCB5BB

 CEB5CA

 E0B5DA

 F2B5EA

Harmonies

Analogous

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



94AA35



4FB55D



00BA93

Triad

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



4FB55D



00AAFF



FF7379

Complementary

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



4FB55D



B54FA7

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.



FD70AF



4FB55D



8D97FF

Square

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



4FB55D



00B6F7



D780E2



EF854B

Rectangle

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



4FB55D



00BBB8



D780E2



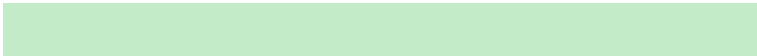
FF6F8B

Sweetspot

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



4FB55D



C3EBC8



A7B54F



5E7561



F5F5F5



757575

Same Dimension

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



4FB55D



4BEB61



4FB590



505952



009915



001A03

Inverse Universe

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



B54FA7



EB4BD5



B54F74



595058



990084



1A0016

Previews

White Background



This preview shows how the Hex color 4FB55D looks on a white background.

Color Contrast Check

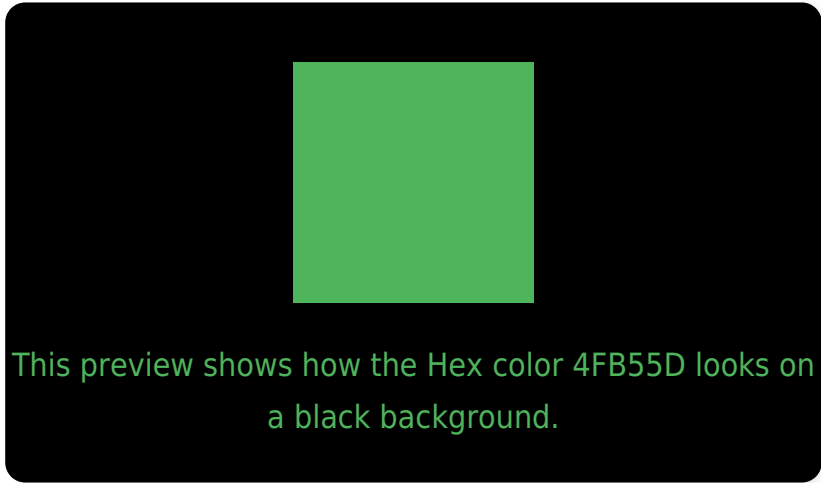
Large Text (above 18pt) WCAG AA × Fail

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

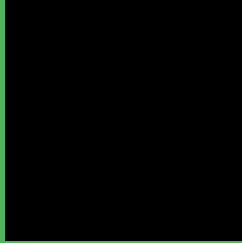
Any Text WCAG AA ✓ Pass

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 4FB55D Background



This preview shows how black text looks on a background with the Hex color 4FB55D.

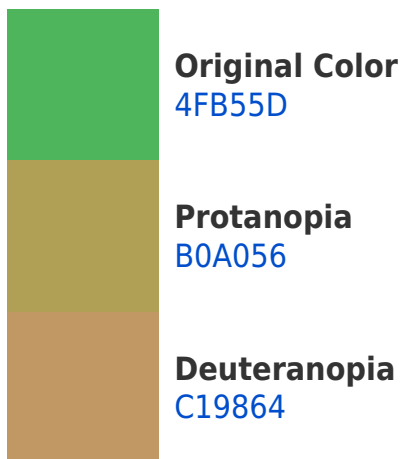


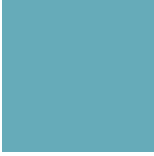
This preview shows how white text looks on a background with the Hex color 4FB55D.

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
66ABB9

Trichromacy



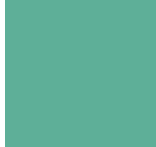
Original Color
4FB55D



Protanomaly
8DA859



Deuteranomaly
98A361



Tritanomaly
5EAF98

Monochromacy



Original Color
4FB55D



Achromatopsia
8C8C8C



Achromatomaly
769B7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FB55D 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 #4FB55D looks like.

```
.text, #text, p{  
    color:#4FB55D  
}
```

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 #4FB55D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB55D
}
```

Border

The CSS property to change the border of an element to Hex 4FB55D 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
#4FB55D }
```

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

```
.border{ border-color:#4FB55D }
```

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

Here you see how a box with a 4 pixel #4FB55D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB55D; -webkit-box-shadow:4px 4px  
4px 4px #4FB55D; box-shadow:4px 4px 4px  
4px #4FB55D }
```

Background

The CSS property to change the background color of an element to Hex 4FB55D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB55D }
```

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

```
.background{ background-color:#4FB55D }
```

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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