

Converting Colors

Hex(4FB64E)

Have a look what the booklet for
Hex(4FB64E) contains.

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Color

Hex(4FB64E)

Conversions

Conversions Part 1

Format	Color
Hex	4FB64E
RGB	79, 182, 78
RGB Percent	31%, 71%, 31%
CMY	0.6902, 0.2863, 0.6941
CMYK	0.57, 0.00, 0.57, 0.29
HSL	119°, 42%, 51%
HSV	119°, 57%, 71%
XYZ	21.3275, 35.6682, 12.9683
YIQ	139.3470, -28.0040, -54.1800

Conversions

Conversions Part 2

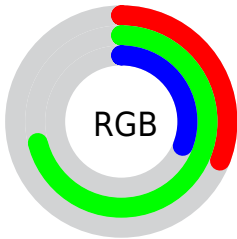
Format	Color
RYB	78, 182, 181
Decimal	5224014
CIELab	66.27, -50.76, 43.44
CIELCh	66, 66.806, 139.446
Yxy	35.6682, 0.3048, 0.5098
Android (android.graphics.Color)	4283414094 (0xFF4FB64E)
YUV	139.3470, -30.2441, -52.9243
Hunter-Lab	59.7229, -40.7712, 28.9317

Details

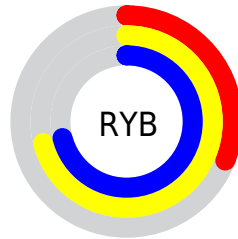
The Hex color **4FB64E** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B54EB6**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **89EF82**, and **00801A** is the 20% darker color. If you saturate the color by 10%, you get **3DB63C**, and if you desaturate by 10%, it is **61B660**.

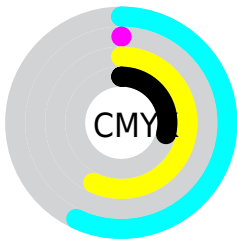
Distribution



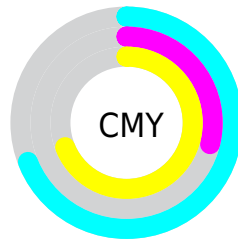
- Red (31%)
- Green (71%)
- Blue (31%)



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



- Cyan (57%)
- Magenta (0%)
- Yellow (57%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4FB64E 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 4FB64E by changing the saturation by 10% instead.

 4FB64E

 4FB64E

FFFFFF

 2F9B35

 89EF82

 00801A

 A6FF9D

 006600

 C3FFB8

 004D00

 E0FFD5

 003500

 FEFFF1

 001E00

 000000

 4FB64E

 4FB64E

 3DB63C

 61B660

 2BB62A

 73B672

 19B617

 85B685

 07B605

 97B697

 02B600

 A9B6A9

 BBB6BB

 CDB6CD

 DFB6E0

 F1B6F2

Harmonies

Analogous

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



9AAA1E



4FB64E



00BC89

Triad

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



4FB64E



00AEFF



FF697D

Complementary

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



4FB64E



B54EB6

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.



FF6AB9



4FB64E



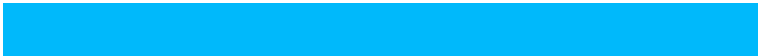
789AFF

Square

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



4FB64E



00B9FB



D480F0



FA7E47

Rectangle

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



4FB64E



00BEB3



D480F0



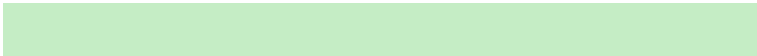
FF6691

Sweetspot

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



4FB64E



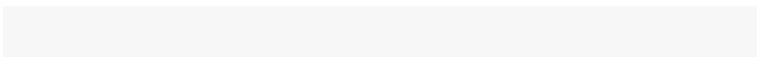
C5EDC5



B6B44E



607860



F7F7F7



787878

Same Dimension

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



4FB64E



4BED4A



4EB680



535C53



019C00



001C00

Inverse Universe

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



B54EB6



EC4AED



B64E84



5C535C



9A009C



1C001C

Previews

White Background



This preview shows how the Hex color 4FB64E looks on a white background.

Color Contrast Check

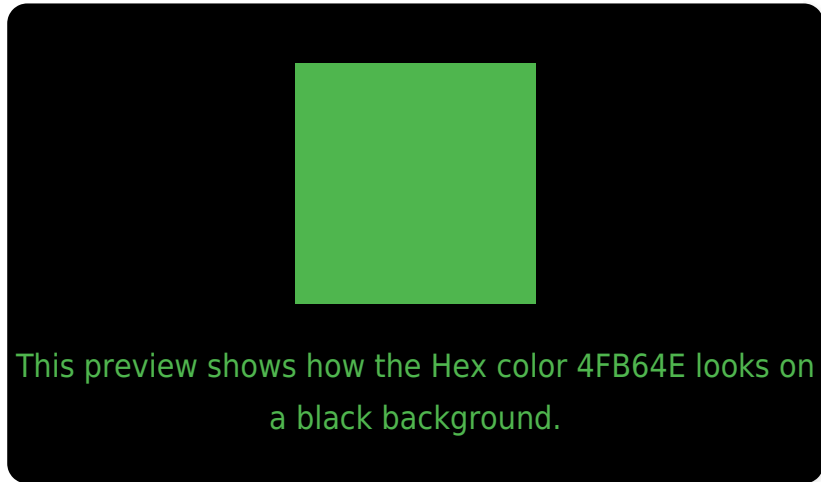
Large Text (above 18pt) WCAG AA × Fail

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

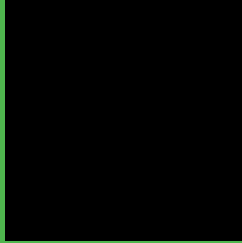
Any Text WCAG AA ✓ Pass

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 4FB64E Background



This preview shows how black text looks on a background with the Hex color 4FB64E.

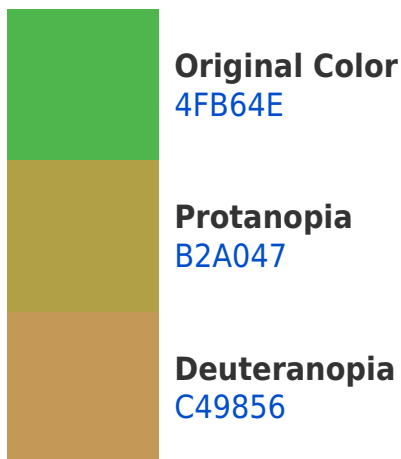


This preview shows how white text looks on a background with the Hex color 4FB64E.

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](#).

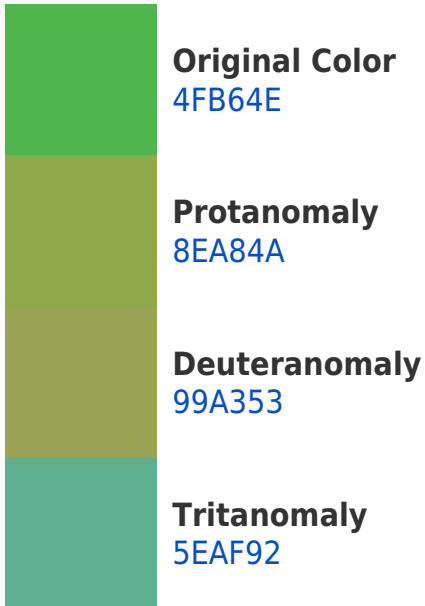
Dichromacy





Tritanopia
67ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FB64E 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 #4FB64E looks like.

```
.text, #text, p{  
    color:#4FB64E  
}
```

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 #4FB64E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB64E
}
```

Border

The CSS property to change the border of an element to Hex 4FB64E 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
#4FB64E }
```

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

```
.border{ border-color:#4FB64E }
```

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

Here you see how a box with a 4 pixel #4FB64E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB64E; -webkit-box-shadow:4px 4px  
4px 4px #4FB64E; box-shadow:4px 4px 4px  
4px #4FB64E }
```

Background

The CSS property to change the background color of an element to Hex 4FB64E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB64E }
```

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

```
.background{ background-color:#4FB64E }
```

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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