

# Converting Colors

Hex(4FB662)

Have a look what the booklet for  
Hex(4FB662) contains.

<b>Hex(4FB662)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(4FB662)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FB662
RGB	79, 182, 98
RGB Percent	31%, 71%, 38%
CMY	0.6902, 0.2863, 0.6157
CMYK	0.57, 0.00, 0.46, 0.29
HSL	131°, 41%, 51%
HSV	131°, 57%, 71%
XYZ	22.1570, 36.0000, 17.3362
YIQ	141.6270, -34.4240, -47.9600

# Conversions

## Conversions Part 2

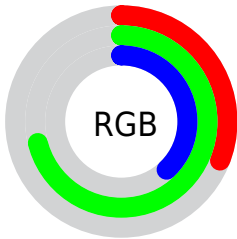
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 166, 182
Decimal	5224034
CIELab	66.52, -47.97, 33.88
CIELCh	67, 58.722, 144.768
Yxy	36.0000, 0.2935, 0.4769
Android (android.graphics.Color)	4283414114 (0xFF4FB662)
YUV	141.6270, -21.5081, -54.9239
Hunter-Lab	60.0000, -39.0829, 24.8690

# Details

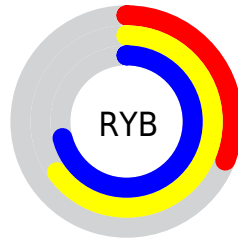
The Hex color **4FB662** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B64FA3**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **88EF96**, and **008031** is the 20% darker color. If you saturate the color by 10%, you get **3DB653**, and if you desaturate by 10%, it is **61B671**.

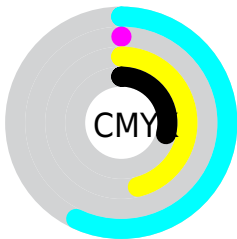
# Distribution



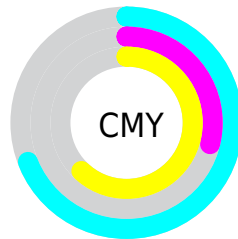
- Red (31%)
- Green (71%)
- Blue (38%)



- Red (31%)
- Yellow (65%)
- Blue (71%)



- Cyan (57%)
- Magenta (0%)
- Yellow (46%)
- Black (29%)



- Cyan (69%)
- Magenta (29%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FB662 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 4FB662 by changing the saturation by 10% instead.



 4FB662

 4FB662

FFFFFF

 309B49

 88EF96

 008031

 A5FFB1

 006619

 C2FFCD

 004D00

 DFFFE9

 003500

 FDFFFF

 001F00

 000000

 4FB662

 4FB662

 3DB653

 61B671

 2BB644

 73B680

 18B635

 86B68F

 06B627

 98B69D

 00B622

 AAB6AC

 BCB6BB

 CEB6CA

 E1B6D9

 F3B6E8

# Harmonies

## Analogous

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



93AC3B



4FB662



00BB96

# Triad

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



4FB662



00AAFF



FF7679

# Complementary

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



4FB662



B64FA3

# 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.



FD73AD



4FB662



9498FF

# Square

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



4FB662



00B6F7



D982DF



ED884C

# Rectangle

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



4FB662



00BCBB



D982DF



FF738A



# Sweetspot

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



4FB662



C5EDCC



A3B64F



607864



F7F7F7



787878



# Same Dimension

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



4FB662



4CED6A



4FB695



535C54



009C1D



001C05



# Inverse Universe

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



B64FA3



ED4CCF



B64F70



5C535A



9C007F



1C0017



# Previews

## White Background



This preview shows how the Hex color 4FB662 looks on a white background.

## Color Contrast Check

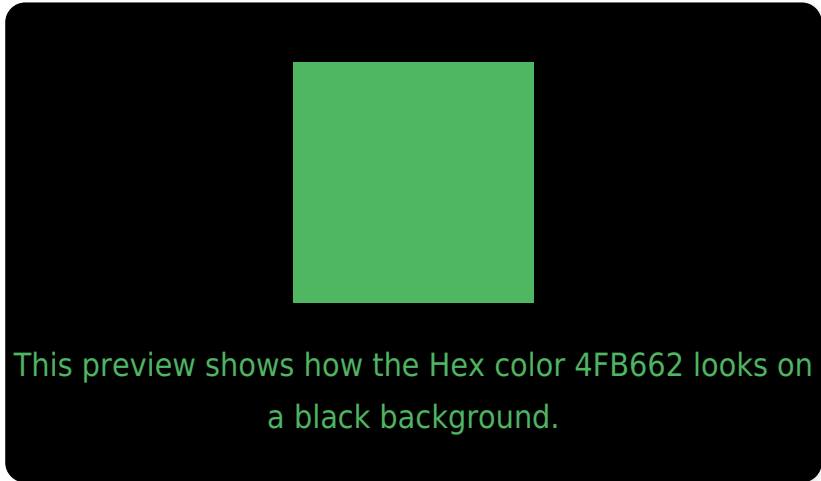
Large Text (above 18pt) WCAG AA × Fail

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

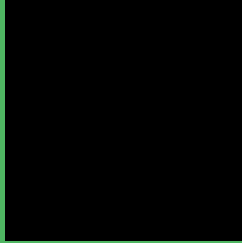
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4FB662 Background



This preview shows how black text looks on a background with the Hex color 4FB662.



This preview shows how white text looks on a background with the Hex color 4FB662.

# 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



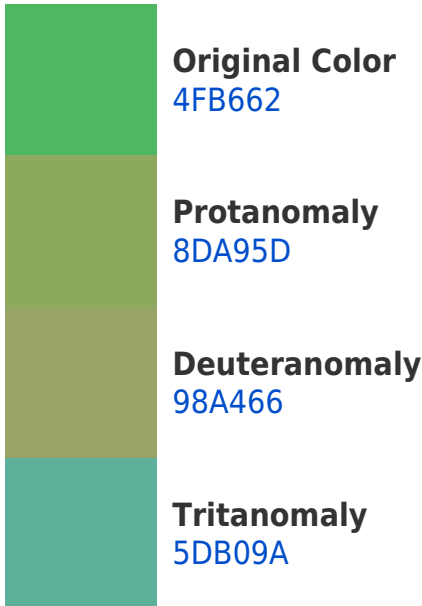
**Original Color**  
4FB662

**Protanopia**  
B0A15A

**Deuteranopia**  
C19A69



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FB662 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 #4FB662 looks like.

```
.text, #text, p{  
    color:#4FB662  
}
```

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 #4FB662 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB662
}
```

## Border

The CSS property to change the border of an element to Hex 4FB662 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
#4FB662 }
```

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

```
.border{ border-color:#4FB662 }
```

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

Here you see how a box with a 4 pixel #4FB662 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB662; -webkit-box-shadow:4px 4px  
4px 4px #4FB662; box-shadow:4px 4px 4px  
4px #4FB662 }
```

# Background

The CSS property to change the background color of an element to Hex 4FB662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB662 }
```

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

```
.background{ background-color:#4FB662 }
```

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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