

# Converting Colors

Hex(F2BB62)

Have a look what the booklet for  
Hex(F2BB62) contains.

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**Color**

**Hex(F2BB62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2BB62
RGB	242, 187, 98
RGB Percent	95%, 73%, 38%
CMY	0.0510, 0.2667, 0.6157
CMYK	0.00, 0.23, 0.60, 0.05
HSL	37°, 85%, 67%
HSV	37°, 60%, 95%
XYZ	56.5929, 55.2997, 19.2464
YIQ	193.2990, 61.3490, -16.0190

# Conversions

## Conversions Part 2

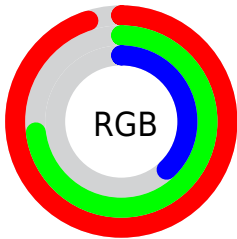
Format	Color
<a href="#">RYB</a>	<a href="#">187, 242, 98</a>
Decimal	<a href="#">15907682</a>
<a href="#">CIELab</a>	<a href="#">79.21, 10.24, 51.92</a>
<a href="#">CIElCh</a>	<a href="#">79, 52.918, 78.846</a>
<a href="#">Yxy</a>	<a href="#">55.2997, 0.4315, 0.4217</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294097762 (0xFFFF2BB62)</a>
<a href="#">YUV</a>	<a href="#">193.2990, -46.9824, 42.7108</a>
<a href="#">Hunter-Lab</a>	<a href="#">74.3638, 5.7067, 36.7095</a>

# Details

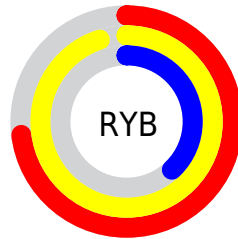
The Hex color **F2BB62** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6299F2**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **FFF397**, and **B7862F** is the 20% darker color. If you saturate the color by 10%, you get **F2B24A**, and if you desaturate by 10%, it is **F2C47A**.

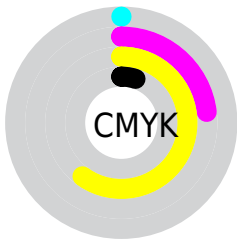
# Distribution



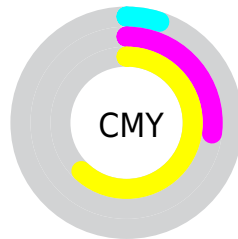
- Red (95%)
- Green (73%)
- Blue (38%)



- Red (73%)
- Yellow (95%)
- Blue (38%)



- Cyan (0%)
- Magenta (23%)
- Yellow (60%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2BB62 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 F2BB62 by changing the saturation by 10% instead.



 F2BB62

 F2BB62

FFFFFF

 D4A048

 FFF397

 B7862F

 FFFFB3

 9A6D12

 FFFFCE

 7D5500

 FFFFEB

 623E00

 462800

 2C1400

 110000

 000000

 F2BB62

 F2BB62

 F2B24A

 F2C47A

 F2A932

 F2CD92

 F29F19

 F2D7AB

 F29601

 F2E0C3

 F29600

 F2E9DB

 F2F2F3

 F2FCFF

 F2FFFF

# Harmonies

## Analogous

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



FFA97C



F2BB62



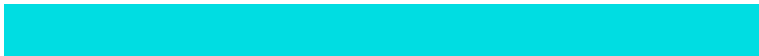
C3CB64

# Triad

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



F2BB62



00DDE2



EFABFF

# Complementary

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



F2BB62



6299F2

# 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.



ABBEFF



F2BB62



00D9FF

# Square

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



F2BB62



37DCAF



3BCFFF



FF9DD9

# Rectangle

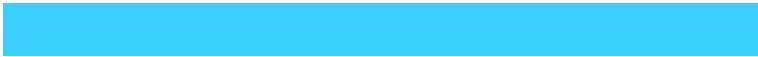
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F2BB62



9FD375



3BCFFF



DCB2FF

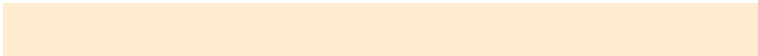


# Sweetspot

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



F2BB62



FFEDD1



F26299



807563



000000



808080



# Same Dimension

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



F2BB62



FFBA4A



E1F262



78736C



B87100



382300



# Inverse Universe

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



6299F2



4A8FFF



7362F2



6C7078



0046B8



001538



# Previews

## White Background



This preview shows how the Hex color F2BB62 looks on a white background.

## Color Contrast Check

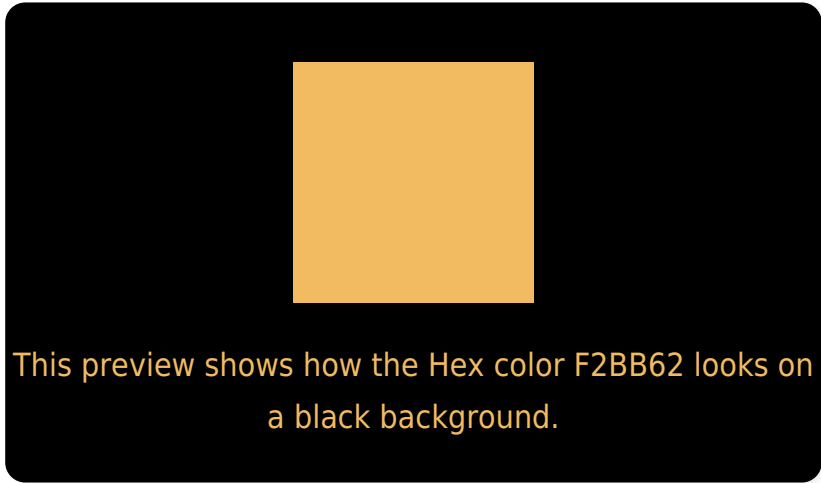
Large Text (above 18pt) WCAG AA × Fail

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 F2BB62 Background



This preview shows how black text looks on a background with the Hex color F2BB62.

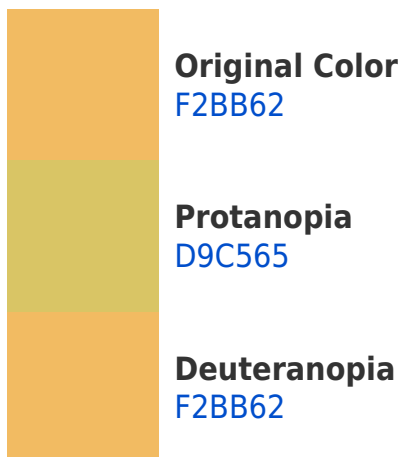


This preview shows how white text looks on a background with the Hex color F2BB62.

# 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](#).

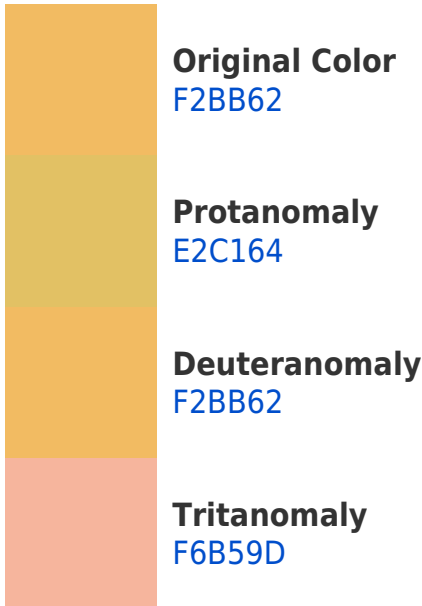
## Dichromacy





**Tritanopia**  
F9B1BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2BB62 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 #F2BB62 looks like.

```
.text, #text, p{  
    color:#F2BB62  
}
```

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 #F2BB62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2BB62
}
```

## Border

The CSS property to change the border of an element to Hex F2BB62 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
#F2BB62 }
```

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

```
.border{ border-color:#F2BB62 }
```

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

Here you see how a box with a 4 pixel #F2BB62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2BB62; -webkit-box-shadow:4px 4px  
4px 4px #F2BB62; box-shadow:4px 4px 4px  
4px #F2BB62 }
```

# Background

The CSS property to change the background color of an element to Hex F2BB62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2BB62 }
```

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

```
.background{ background-color:#F2BB62 }
```

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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