

# Converting Colors

Hex(FFB027)

Have a look what the booklet for  
Hex(FFB027) contains.

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# **Color**

**Hex(FFB027)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB027
RGB	255, 176, 39
RGB Percent	100%, 69%, 15%
CMY	0.0000, 0.3098, 0.8471
CMYK	0.00, 0.31, 0.85, 0.00
HSL	38°, 100%, 58%
HSV	38°, 85%, 100%
XYZ	57.1315, 52.4572, 9.0335
YIQ	184.0030, 91.0610, -25.8590

# Conversions

## Conversions Part 2

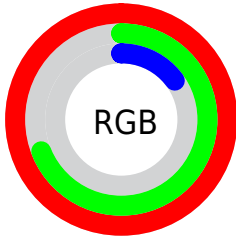
Format	Color
<a href="#">RYB</a>	<a href="#">164, 255, 39</a>
Decimal	<a href="#">16756775</a>
CIELab	<a href="#">77.55, 18.72, 74.07</a>
CIELCh	<a href="#">78, 76.399, 75.814</a>
Yxy	<a href="#">52.4572, 0.4816, 0.4422</a>
Android (android.graphics.Color)	<a href="#">4294946855</a> ( <a href="#">0xFFFFB027</a> )
YUV	<a href="#">184.0030, -71.4865, 62.2644</a>
Hunter-Lab	<a href="#">72.4273, 14.0552, 43.3041</a>

# Details

The Hex color **FFB027** is a light color, and the websafe version is hex **FF9900**. The color can be described as light washed orange. A complement of this color would be **2776FF**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFE763**, and **C17C00** is the 20% darker color. If you saturate the color by 10%, you get **FFA70E**, and if you desaturate by 10%, it is **FFB941**.

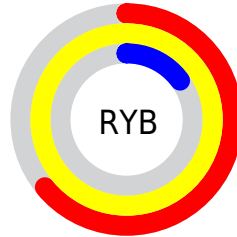
# Distribution



Red (100%)

Green (69%)

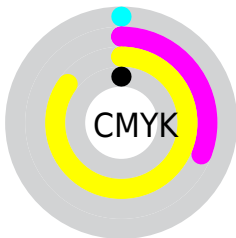
Blue (15%)



Red (64%)

Yellow (100%)

Blue (15%)

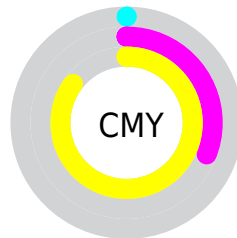


Cyan (0%)

Magenta (31%)

Yellow (85%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FFB027 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 FFB027 by changing the saturation by 10% instead.



 FFB027

 FFB027

FFFFFF

 E09500

 FFE763

 C17C00

 FFFF7E

 A26300

 FFFF9B

 844B00

 FFFFB7

 673400

 FFFFD4

 4B1E00

 FFFFF1

 300900

 130000

 000000

 FFB027

 FFB027

 FFA70E

 FFB941

 FFA200

 FFC35A

 FFCC74

 FFD58D

 FFDF A7

 FFE8C0

 FFF1DA

 FFFBF3

FFFFFF

# Harmonies

## Analogous

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



FF935C



FFB027



C0C81F

# Triad

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



FFB027



00E1E4



F29CFF

# Complementary

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



FFB027



2776FF

# 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.



7ABBFF



FFB027



00DDFF

# Square

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



FFB027



00DF9A



00D1FF



FF80E4

# Rectangle

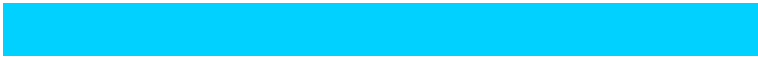
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FFB027



8CD341



00D1FF



D3A7FF

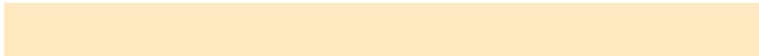


# Sweetspot

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



FFB027



FFE8BF



FF2776



807259



000000



808080



# Same Dimension

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



FFB027



FFA200



E2FF27



807B73



BF7900



402800



# Inverse Universe

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



2776FF



005DFF



4427FF



737780



0046BF



001740



# Previews

## White Background



This preview shows how the Hex color FFB027 looks on a white background.

## Color Contrast Check

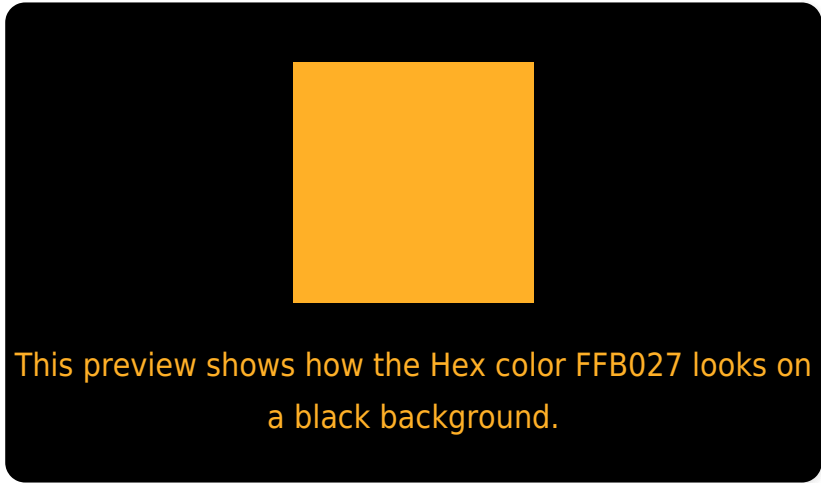
Large Text (above 18pt) WCAG AA × Fail

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 FFB027 Background



This preview shows how black text looks on a background with the Hex color FFB027.



This preview shows how white text looks on a background with the Hex color FFB027.

# 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](#).

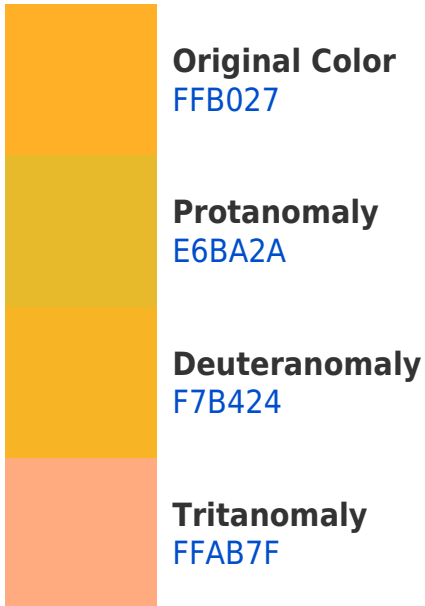
## Dichromacy



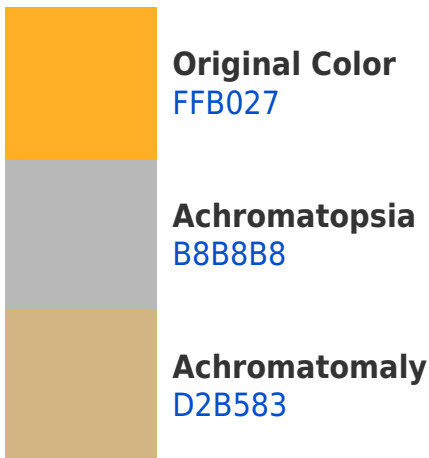


**Tritanopia**  
FFA8B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FFB027 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 #FFB027 looks like.

```
.text, #text, p{  
    color:#FFB027  
}
```

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 #FFB027 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFB027
}
```

## Border

The CSS property to change the border of an element to Hex FFB027 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
#FFB027 }
```

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

```
.border{ border-color:#FFB027 }
```

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

Here you see how a box with a 4 pixel #FFB027 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFB027; -webkit-box-shadow:4px 4px  
4px 4px #FFB027; box-shadow:4px 4px 4px  
4px #FFB027 }
```

# Background

The CSS property to change the background color of an element to Hex FFB027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFB027 }
```

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

```
.background{ background-color:#FFB027 }
```

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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