

# Converting Colors

Hex(FAD20A)

Have a look what the booklet for  
Hex(FAD20A) contains.

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# **Color**

**Hex(FAD20A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAD20A
RGB	250, 210, 10
RGB Percent	98%, 82%, 4%
CMY	0.0196, 0.1765, 0.9608
CMYK	0.00, 0.16, 0.96, 0.02
HSL	50°, 96%, 51%
HSV	50°, 96%, 98%
XYZ	62.5257, 66.4391, 9.8157
YIQ	199.1600, 88.0400, -53.7200

# Conversions

## Conversions Part 2

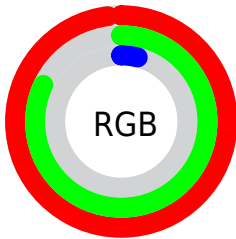
Format	Color
<a href="#">RYB</a>	<a href="#">58, 250, 10</a>
Decimal	<a href="#">16437770</a>
CIELab	<a href="#">85.22, -1.44, 84.84</a>
CIELCh	<a href="#">85, 84.852, 90.972</a>
Yxy	<a href="#">66.4391, 0.4505, 0.4787</a>
Android (android.graphics.Color)	<a href="#">4294627850</a> ( <a href="#">0xFFFA20A</a> )
YUV	<a href="#">199.1600, -93.2559, 44.5867</a>
Hunter-Lab	<a href="#">81.5102, -5.7171, 49.9172</a>

# Details

The Hex color **FAD20A** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **0A32FA**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF5A**, and **BC9C00** is the 20% darker color. If you saturate the color by 10%, you get **FAD000**, and if you desaturate by 10%, it is **FAD623**.

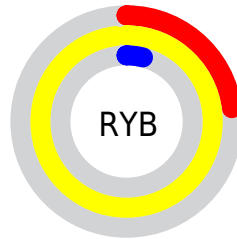
# Distribution



Red (98%)

Green (82%)

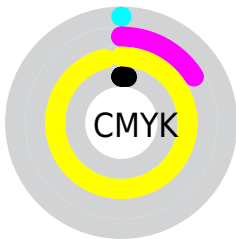
Blue (4%)



Red (23%)

Yellow (98%)

Blue (4%)

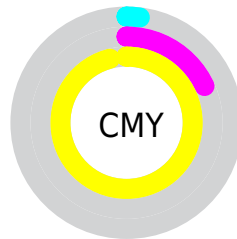


Cyan (0%)

Magenta (16%)

Yellow (96%)

Black (2%)



Cyan (2%)

Magenta (18%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FAD20A 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 FAD20A by changing the saturation by 10% instead.



 FAD20A

 FAD20A

FFFFFF

 DBB700

 FFFF5A

 BC9C00

 FFFF78

 9E8200

 FFFF95

 816900

 FFFFB2

 645200

 FFFF00

 493B00

 FFFFEE

 2F2600

 161200

 000000

 FAD20A

 FAD20A

 FAD000

 FAD623

 FADA3C

 FADF55

 FAE36E

 FAE787

 FAEBA0

 FAEFB9

 FAF3D2

 FAF8EB

# Harmonies

## Analogous

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



FFB343



FAD20A



A9E83A

# Triad

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



FAD20A



00F9FF



FF9AFF

# Complementary

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



FAD20A



0A32FA

# 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.



D7BEFF



FAD20A



00F1FF

# Square

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



FAD20A



00FAD5



00DEFF



FF85D6

# Rectangle

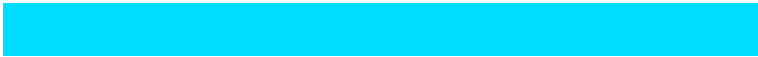
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FAD20A



5DF169



00DEFF



FFA6FF



# Sweetspot

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



FAD20A



FFF3B5



FA0A32



807853



000000



808080



# Same Dimension

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



FAD20A



FFD500



AAFA0A



7D7B70



BD9D00



3D3300



# Inverse Universe

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



0A32FA



002BFF



5A0AFA



70737D



001FBD



000A3D



# Previews

## White Background



This preview shows how the Hex color FAD20A looks on a white background.

## Color Contrast Check

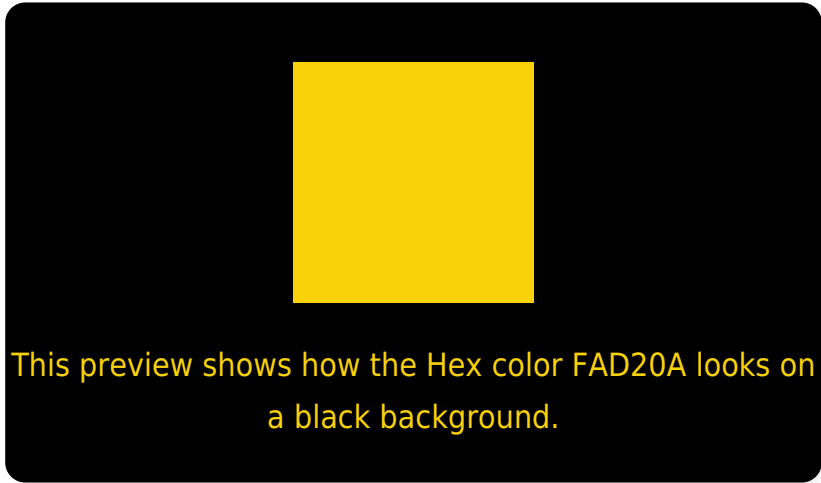
Large Text (above 18pt) WCAG AA × Fail

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 FAD20A Background



This preview shows how black text looks on a background with the Hex color FAD20A.



This preview shows how white text looks on a background with the Hex color FAD20A.

# 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**  
FAD20A

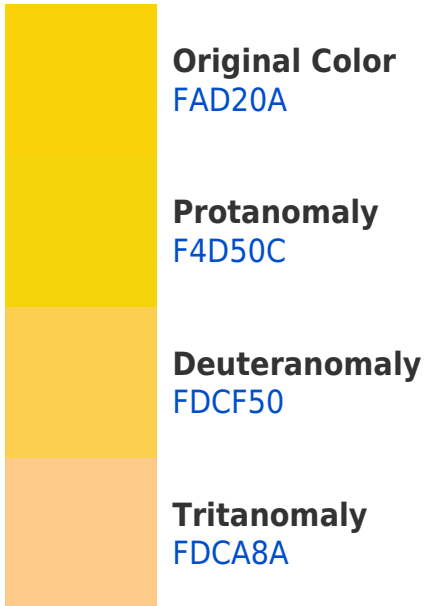
**Protanopia**  
F0D60D

**Deuteranopia**  
FFCD78

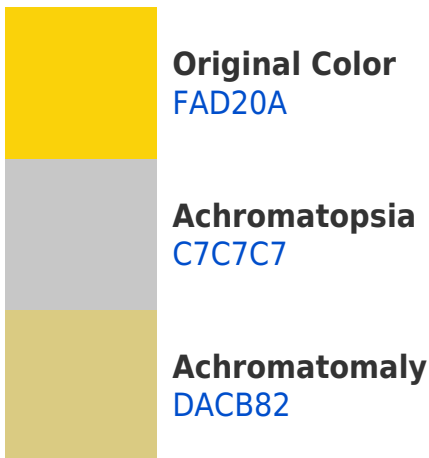


**Tritanopia**  
FFC6D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FAD20A 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 #FAD20A looks like.

```
.text, #text, p{  
    color:#FAD20A  
}
```

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 #FAD20A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FAD20A
}
```

## Border

The CSS property to change the border of an element to Hex FAD20A 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
#FAD20A }
```

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

```
.border{ border-color:#FAD20A }
```

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

Here you see how a box with a 4 pixel #FAD20A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FAD20A; -webkit-box-shadow:4px 4px  
4px 4px #FAD20A; box-shadow:4px 4px 4px  
4px #FAD20A }
```

# Background

The CSS property to change the background color of an element to Hex FAD20A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FAD20A }
```

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

```
.background{ background-color:#FAD20A }
```

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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