

Converting Colors

Hex(F8D13B)

Have a look what the booklet for
Hex(F8D13B) contains.

Hex(F8D13B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F8D13B)

Conversions

Conversions Part 1

Format	Color
Hex	F8D13B
RGB	248, 209, 59
RGB Percent	97%, 82%, 23%
CMY	0.0275, 0.1804, 0.7686
CMYK	0.00, 0.16, 0.76, 0.03
HSL	48°, 93%, 60%
HSV	48°, 76%, 97%
XYZ	62.3013, 65.8732, 13.5688
YIQ	203.5610, 71.3940, -38.3820

Conversions

Conversions Part 2

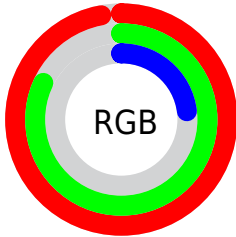
Format	Color
RYB	108, 248, 59
Decimal	16306491
CIELab	84.93, -0.72, 74.12
CIELCh	85, 74.125, 90.554
Yxy	65.8732, 0.4395, 0.4647
Android (android.graphics.Color)	4294496571 (0xFFFF8D13B)
YUV	203.5610, -71.2686, 38.9730
Hunter-Lab	81.1623, -5.0149, 46.9014

Details

The Hex color **F8D13B** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3B62F8**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFF75**, and **BB9B00** is the 20% darker color. If you saturate the color by 10%, you get **F8CC22**, and if you desaturate by 10%, it is **F8D654**.

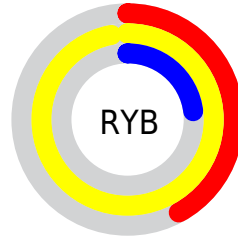
Distribution



Red (97%)

Green (82%)

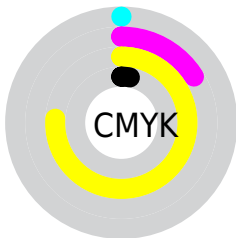
Blue (23%)



Red (42%)

Yellow (97%)

Blue (23%)

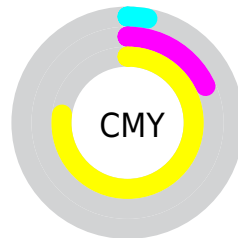


Cyan (0%)

Magenta (16%)

Yellow (76%)

Black (3%)



Cyan (3%)

Magenta (18%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color F8D13B 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 F8D13B by changing the saturation by 10% instead.

 F8D13B

 F8D13B

FFFFFF

 D9B617

 FFFF75

 BB9B00

 FFFF91

 9E8100

 FFFFAE

 816800

 FFFFCB

 645100

 FFFFEE

 493A00

 2F2500

 161000

 000000

 F8D13B

 F8D13B

 F8CC22

 F8D654

 F8C709

 F8DB6D

 F8C500

 F8E085

 F8E59E

 F8EBB7

 F8F0D0

 F8F5E9

 F8FAFF

 F8FFFF

Harmonies

Analogous

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



FFB758



F8D13B



B2E552

Triad

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



F8D13B



00F5FF



FFA4FF

Complementary

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



F8D13B



3B62F8

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.



D7C1FF



F8D13B



00EDFF

Square

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



F8D13B



00F6D3



00DCFF



FF93D6

Rectangle

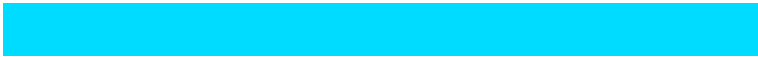
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F8D13B



75ED76



00DCFF



FFADFF

Sweetspot

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



F8D13B



FFF3C4



F83B64



80785C



000000



808080

Same Dimension

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



F8D13B



FFCF17



C2F83B



7D7A70



BD9600



3D3100

Inverse Universe

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



3B62F8



1747FF



713BF8



70737D



0027BD



000D3D

Previews

White Background



This preview shows how the Hex color F8D13B 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



This preview shows how the Hex color F8D13B looks on a 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 F8D13B Background



This preview shows how black text looks on a background with the Hex color F8D13B.



This preview shows how white text looks on a background with the Hex color F8D13B.

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
F8D13B

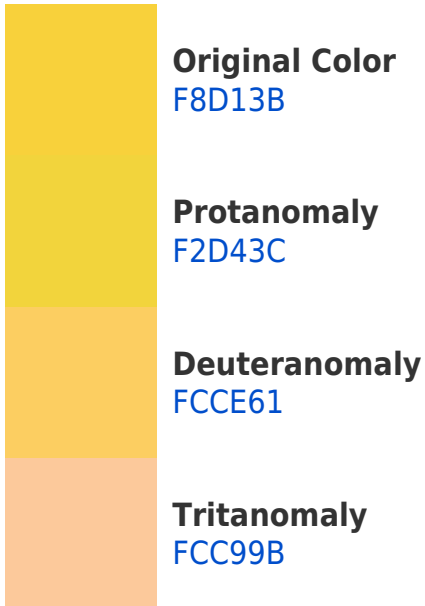
Protanopia
EED53C

Deuteranopia
FFCC77

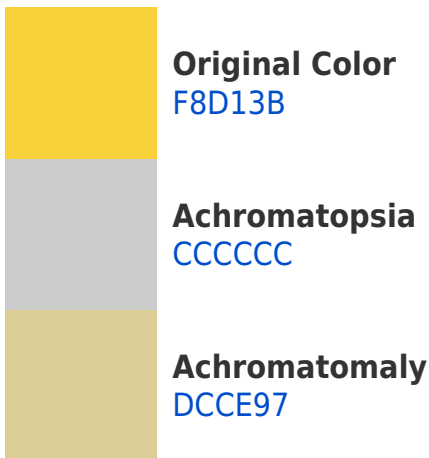


Tritanopia
FFC5D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F8D13B 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 #F8D13B looks like.

```
.text, #text, p{  
    color:#F8D13B  
}
```

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 #F8D13B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8D13B
}
```

Border

The CSS property to change the border of an element to Hex F8D13B 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
#F8D13B }
```

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

```
.border{ border-color:#F8D13B }
```

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

Here you see how a box with a 4 pixel #F8D13B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8D13B; -webkit-box-shadow:4px 4px  
4px 4px #F8D13B; box-shadow:4px 4px 4px  
4px #F8D13B }
```

Background

The CSS property to change the background color of an element to Hex F8D13B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8D13B }
```

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

```
.background{ background-color:#F8D13B }
```

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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