

# Converting Colors

Hex(F8E52D)

Have a look what the booklet for  
Hex(F8E52D) contains.

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**Color**

**Hex(F8E52D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8E52D
RGB	248, 229, 45
RGB Percent	97%, 90%, 18%
CMY	0.0275, 0.1020, 0.8235
CMYK	0.00, 0.08, 0.82, 0.03
HSL	54°, 94%, 57%
HSV	54°, 82%, 97%
XYZ	67.2044, 76.1845, 13.6457
YIQ	213.7050, 70.3880, -53.1960

# Conversions

## Conversions Part 2

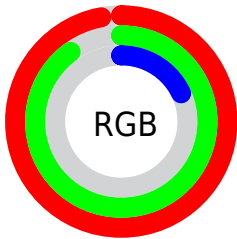
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	66, 248, 45
Decimal	16311597
CIE <sub>Lab</sub>	89.94, -11.22, 82.58
CIE <sub>LCh</sub>	90, 83.336, 97.737
Yxy	76.1845, 0.4280, 0.4851
Android (android.graphics.Color)	4294501677 (0xFFFF8E52D)
YUV	213.7050, -83.1716, 30.0767
Hunter-Lab	87.2838, -15.3100, 51.8294

# Details

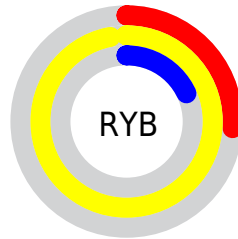
The Hex color **F8E52D** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **2D40F8**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **FFFF6D**, and **BBAE00** is the 20% darker color. If you saturate the color by 10%, you get **F8E314**, and if you desaturate by 10%, it is **F8E746**.

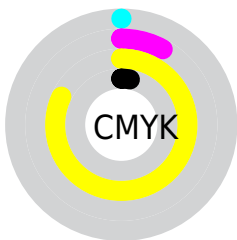
# Distribution



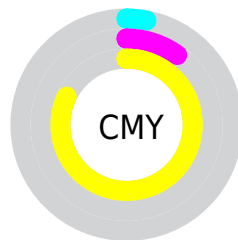
- Red (97%)
- Green (90%)
- Blue (18%)



- Red (26%)
- Yellow (97%)
- Blue (18%)



- Cyan (0%)
- Magenta (8%)
- Yellow (82%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F8E52D 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 F8E52D by changing the saturation by 10% instead.



 F8E52D

 F8E52D

FFFFFF

 D9C900


 FFFF6D

 BBAE00

 FFFF8A

 9D9400

 FFFFA7

 817A00

 FFFFC5

 646200

 FFFF E2

 484A00

 2E3400

 161F00

 000000

 F8E52D

 F8E52D

 F8E314

 F8E746

 F8E100

 F8EA5F

 F8EC77

 F8EE90

 F8F1A9

 F8F3C2

 F8F5DB

 F8F8F3

 F8FAFF

# Harmonies

## Analogous

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



FFC847



F8E52D



A3F95A

# Triad

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



F8E52D



00FFFF



FFA3FF

# Complementary

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



F8E52D



2D40F8

# 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.



FFC4FF



F8E52D



00FBFF

# Square

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



F8E52D



00FFF5



53E5FF



FF95D1

# Rectangle

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



F8E52D



4AFF89



53E5FF



FFADFF



# Sweetspot

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



F8E52D



FFF9BF



F82D41



807C59



000000



808080



# Same Dimension

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



F8E52D



FFE805



A7F82D



7D7C70



BDAB00



3D3700



# Inverse Universe

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



2D40F8



051CFF



7E2DF8



70727D



0012BD

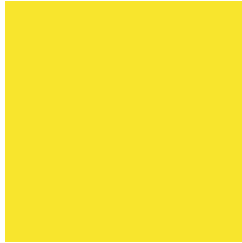


00063D



# Previews

## White Background



This preview shows how the Hex color F8E52D looks on a white background.

## Color Contrast Check

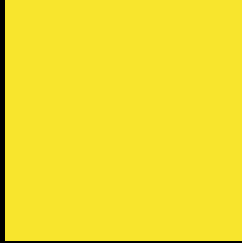
Large Text (above 18pt) WCAG AA × Fail

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 F8E52D 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 F8E52D Background



This preview shows how black text looks on a background with the Hex color F8E52D.

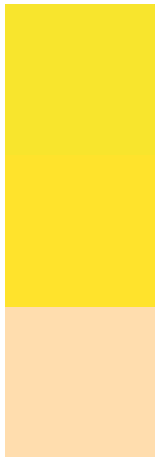


This preview shows how white text looks on a background with the Hex color F8E52D.

# 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**  
F8E52D

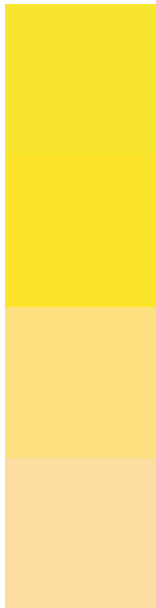
**Protanopia**  
FFE32C

**Deuteranopia**  
FFDDAE



**Tritanopia**  
FFD8E5

# Trichromacy



**Original Color**  
F8E52D

**Protanomaly**  
FCE42C

**Deuteranomaly**  
FCE07F

**Tritanomaly**  
FCDDA2

# Monochromacy



**Original Color**  
F8E52D

**Achromatopsia**  
D6D6D6

**Achromatomaly**  
E2DB99

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F8E52D 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 #F8E52D looks like.

```
.text, #text, p{  
    color:#F8E52D  
}
```

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 #F8E52D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F8E52D
}
```

## Border

The CSS property to change the border of an element to Hex F8E52D 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
#F8E52D }
```

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

```
.border{ border-color:#F8E52D }
```

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

Here you see how a box with a 4 pixel #F8E52D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F8E52D; -webkit-box-shadow:4px 4px  
4px 4px #F8E52D; box-shadow:4px 4px 4px  
4px #F8E52D }
```

# Background

The CSS property to change the background color of an element to Hex F8E52D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F8E52D }
```

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

```
.background{ background-color:#F8E52D }
```

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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