

# Converting Colors

Hex(F7E53B)

Have a look what the booklet for  
Hex(F7E53B) contains.

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**Color**

**Hex(F7E53B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7E53B
RGB	247, 229, 59
RGB Percent	97%, 90%, 23%
CMY	0.0314, 0.1020, 0.7686
CMYK	0.00, 0.07, 0.76, 0.03
HSL	54°, 92%, 60%
HSV	54°, 76%, 97%
XYZ	67.1665, 76.1285, 15.2919
YIQ	215.0020, 65.2980, -49.0540

# Conversions

## Conversions Part 2

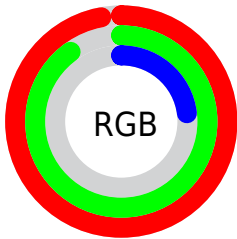
Format	Color
<a href="#">RYB</a>	<a href="#">79, 247, 59</a>
Decimal	<a href="#">16246075</a>
CIELab	<a href="#">89.92, -11.19, 78.66</a>
CIELCh	<a href="#">90, 79.452, 98.097</a>
Yxy	<a href="#">76.1285, 0.4235, 0.4800</a>
Android (android.graphics.Color)	<a href="#">4294436155</a> ( <a href="#">0xFFFF7E53B</a> )
YUV	<a href="#">215.0020, -76.9090, 28.0622</a>
Hunter-Lab	<a href="#">87.2517, -15.2808, 50.6849</a>

# Details

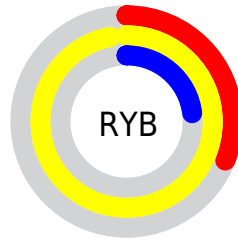
The Hex color **F7E53B** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **3B4DF7**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF77**, and **BBAE00** is the 20% darker color. If you saturate the color by 10%, you get **F7E322**, and if you desaturate by 10%, it is **F7E754**.

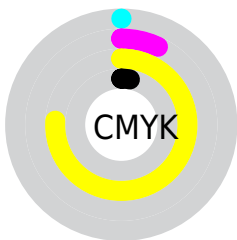
# Distribution



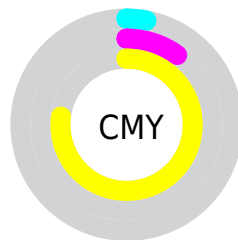
- Red (97%)
- Green (90%)
- Blue (23%)



- Red (31%)
- Yellow (97%)
- Blue (23%)



- Cyan (0%)
- Magenta (7%)
- Yellow (76%)
- Black (3%)



- Cyan (3%)
- Magenta (10%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7E53B 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 F7E53B by changing the saturation by 10% instead.



 F7E53B

 F7E53B

FFFFFF

 D9C912

 FFFF77

 BBAE00

 FFFF94

 9D9400

 FFFFB1

 807A00

 FFFFCE

 646100

 FFFFEB

 484A00

 2E3400

 161F00

 000000

 F7E53B

 F7E53B

 F7E322

 F7E754

 F7E00A

 F7EA6C

 F7DF00

 F7EC85

 F7EE9E

 F7F1B6

 F7F3CF

 F7F6E8

 F7F8FF

 F7FAFF

# Harmonies

## Analogous

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



FFCA4F



F7E53B



A6F862

# Triad

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



F7E53B



00FFFF



FFA6FF

# Complementary

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



F7E53B



3B4DF7

# 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.



FFC5FF



F7E53B



00F9FF

# Square

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



F7E53B



00FFF5



69E4FF



FF9BD1

# Rectangle

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



F7E53B



56FF8E



69E4FF



FFB0FF

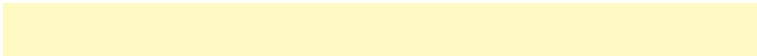


# Sweetspot

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



F7E53B



FFF9C4



F73B4E



807C5C



000000



808080



# Same Dimension

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



F7E53B



FFE917



ACF73B



7A796E



BAA800



3B3500



# Inverse Universe

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



3B4DF7



172DFF



863BF7



6E6F7A



0012BA



00063B



# Previews

## White Background



This preview shows how the Hex color F7E53B looks on a white background.

## Color Contrast Check

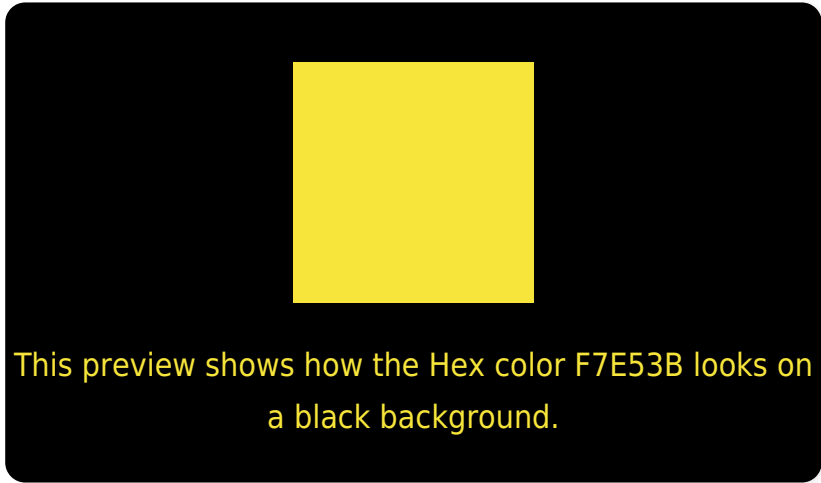
Large Text (above 18pt) WCAG AA × Fail

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 F7E53B Background



This preview shows how black text looks on a background with the Hex color F7E53B.

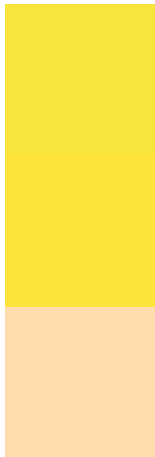


This preview shows how white text looks on a background with the Hex color F7E53B.

# 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**  
F7E53B

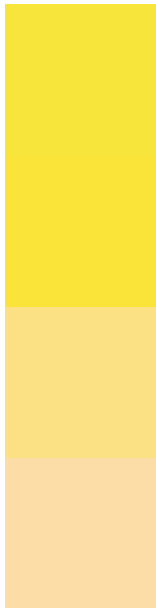
**Protanopia**  
FEE33A

**Deuteranopia**  
FFDDAE



**Tritanopia**  
FFD8E6

# Trichromacy



**Original Color**  
F7E53B

**Protanomaly**  
FBE43A

**Deuteranomaly**  
FCE084

**Tritanomaly**  
FCDDA8

# Monochromacy



**Original Color**  
F7E53B

**Achromatopsia**  
D7D7D7

**Achromatomaly**  
E3DC9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7E53B 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 #F7E53B looks like.

```
.text, #text, p{  
    color:#F7E53B  
}
```

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 #F7E53B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7E53B
}
```

## Border

The CSS property to change the border of an element to Hex F7E53B 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
#F7E53B }
```

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

```
.border{ border-color:#F7E53B }
```

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

Here you see how a box with a 4 pixel #F7E53B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7E53B; -webkit-box-shadow:4px 4px  
4px 4px #F7E53B; box-shadow:4px 4px 4px  
4px #F7E53B }
```

# Background

The CSS property to change the background color of an element to Hex F7E53B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7E53B }
```

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

```
.background{ background-color:#F7E53B }
```

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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