

# Converting Colors

Hex(7EB41D)

Have a look what the booklet for  
Hex(7EB41D) contains.

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**Color**

**Hex(7EB41D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EB41D
RGB	126, 180, 29
RGB Percent	49%, 71%, 11%
CMY	0.5059, 0.2941, 0.8863
CMYK	0.30, 0.00, 0.84, 0.29
HSL	81°, 72%, 41%
HSV	81°, 84%, 71%
XYZ	25.1472, 37.1668, 7.0109
YIQ	146.6400, 16.2870, -58.4090

# Conversions

## Conversions Part 2

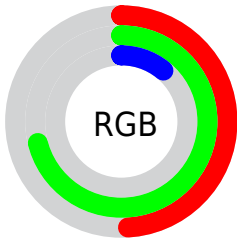
Format	Color
<a href="#">RYB</a>	<a href="#">29, 180, 83</a>
Decimal	<a href="#">8303645</a>
CIELab	<a href="#">67.40, -38.50, 63.63</a>
CIELCh	<a href="#">67, 74.377, 121.178</a>
Yxy	<a href="#">37.1668, 0.3627, 0.5361</a>
Android (android.graphics.Color)	<a href="#">4286493725</a> ( <a href="#">0xFF7EB41D</a> )
YUV	<a href="#">146.6400, -57.9965, -18.1013</a>
Hunter-Lab	<a href="#">60.9646, -33.0589, 35.8569</a>

# Details

The Hex color **7EB41D** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **531DB4**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B7EC59**, and **467F00** is the 20% darker color. If you saturate the color by 10%, you get **78B40B**, and if you desaturate by 10%, it is **84B42F**.

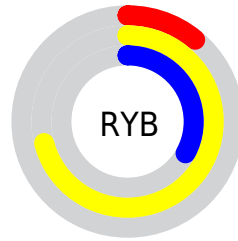
# Distribution



Red (49%)

Green (71%)

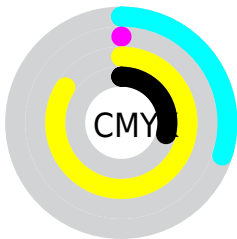
Blue (11%)



Red (11%)

Yellow (71%)

Blue (33%)

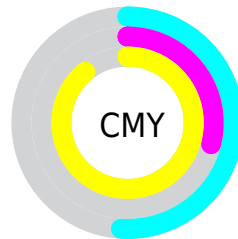


Cyan (30%)

Magenta (0%)

Yellow (84%)

Black (29%)



Cyan (51%)

Magenta (29%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EB41D 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 7EB41D by changing the saturation by 10% instead.





7EB41D



7EB41D

FFFFFF



629900



B7EC59



467F00



D4FF75



2A6500



F2FF91



014D00



FFFFAD



003500



FFFPCA



002100



FFFPE7



000000



7EB41D



7EB41D



78B40B



84B42F

 74B400

 8BB441

 91B453

 98B465

 9EB477

 A5B489

 ABB49B

 B1B4AD

 B8B4BF

# Harmonies

## Analogous

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



C1A200



7EB41D



00BE60

# Triad

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



7EB41D



00BBFF



FF5EA4

# Complementary

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



7EB41D



531DB4

# 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.



F671E6



7EB41D



00ABFF

# Square

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



7EB41D



00C2E8



A591FF



FF6B63

# Rectangle

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



7EB41D



00C28D



A591FF



FF61BB



# Sweetspot

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



7EB41D



D6EBB0



B4521D



697552



F5F5F5



757575



# Same Dimension

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



7EB41D



97EB00



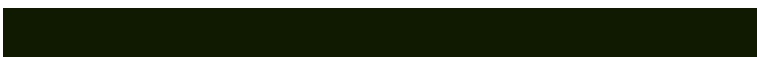
34B41D



565950



629900



101A00



# Inverse Universe

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



531DB4



5400EB



9D1DB4



545059



370099



09001A



# Previews

## White Background



This preview shows how the Hex color 7EB41D looks on a white background.

## Color Contrast Check

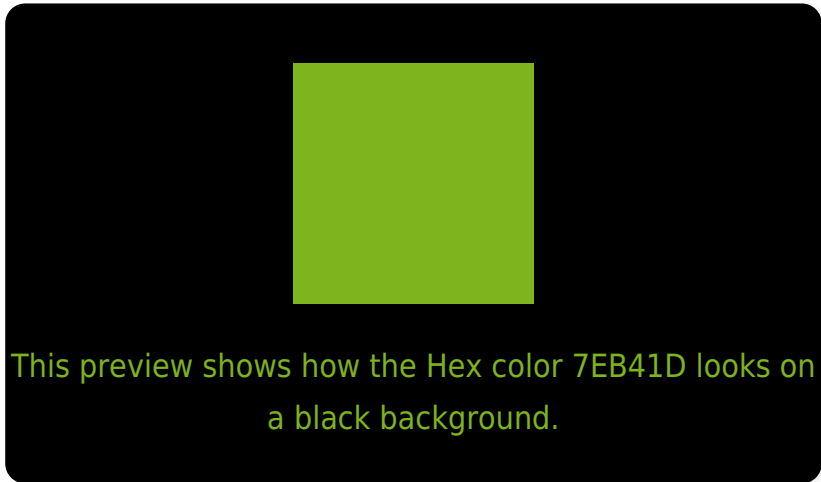
Large Text (above 18pt) WCAG AA × Fail

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 7EB41D Background



This preview shows how black text looks on a background with the Hex color 7EB41D.

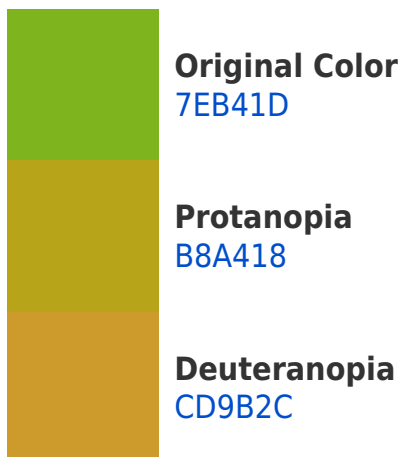


This preview shows how white text looks on a background with the Hex color 7EB41D.

# 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**  
8FA7B5

# Trichromacy



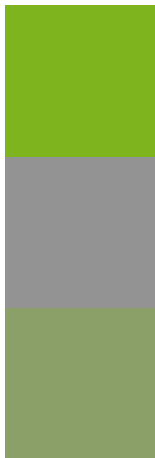
**Original Color**  
7EB41D

**Protanomaly**  
A3AA1A

**Deuteranomaly**  
B0A427

**Tritanomaly**  
89AC7E

# Monochromacy



**Original Color**  
7EB41D

**Achromatopsia**  
939393

**Achromatomaly**  
8B9F68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EB41D 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 #7EB41D looks like.

```
.text, #text, p{  
    color:#7EB41D  
}
```

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 #7EB41D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB41D
}
```

## Border

The CSS property to change the border of an element to Hex 7EB41D 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
#7EB41D }
```

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

```
.border{ border-color:#7EB41D }
```

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

Here you see how a box with a 4 pixel #7EB41D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB41D; -webkit-box-shadow:4px 4px  
4px 4px #7EB41D; box-shadow:4px 4px 4px  
4px #7EB41D }
```

# Background

The CSS property to change the background color of an element to Hex 7EB41D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB41D }
```

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

```
.background{ background-color:#7EB41D }
```

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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