

# Converting Colors

Hex(7EBA10)

Have a look what the booklet for  
Hex(7EBA10) contains.

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**Color**

**Hex(7EBA10)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EBA10
RGB	126, 186, 16
RGB Percent	49%, 73%, 6%
CMY	0.5059, 0.2706, 0.9373
CMYK	0.32, 0.00, 0.91, 0.27
HSL	81°, 84%, 40%
HSV	81°, 91%, 73%
XYZ	26.2566, 39.5908, 6.7481
YIQ	148.6800, 18.8100, -65.5900

# Conversions

## Conversions Part 2

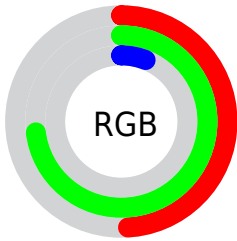
Format	Color
<a href="#">RYB</a>	<a href="#">16, 186, 76</a>
Decimal	<a href="#">8305168</a>
CIELab	<a href="#">69.18, -41.50, 67.71</a>
CIElCh	<a href="#">69, 79.417, 121.507</a>
Yxy	<a href="#">39.5908, 0.3617, 0.5454</a>
Android (android.graphics.Color)	<a href="#">4286495248 (0xFF7EBA10)</a>
YUV	<a href="#">148.6800, -65.4112, -19.8904</a>
Hunter-Lab	<a href="#">62.9213, -35.6253, 37.6862</a>

# Details

The Hex color **7EBA10** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4C10BA**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **B7F254**, and **458400** is the 20% darker color. If you saturate the color by 10%, you get **78BA00**, and if you desaturate by 10%, it is **85BA23**.

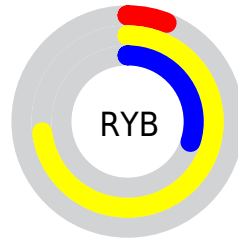
# Distribution



Red (49%)

Green (73%)

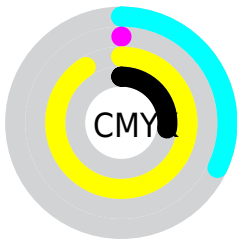
Blue (6%)



Red (6%)

Yellow (73%)

Blue (30%)

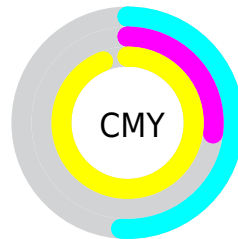


Cyan (32%)

Magenta (0%)

Yellow (91%)

Black (27%)



Cyan (51%)

Magenta (27%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EBA10 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 7EBA10 by changing the saturation by 10% instead.



 7EBA10

 7EBA10

FFFFFF

 629F00

 B7F254

 458400

 D5FF70

 286B00

 F3FF8C

 005200

 FFFFA9

 003A00

 FFFFC5

 002600

 FFFF E2

 000000

 7EBA10

 7EBA10

 78BA00

 85BA23

 8BBA35

 92BA48

 98BA5A

 9FBA6D

 A5BA80

 ACBA92

 B3BAA5

 B9BAB7

# Harmonies

## Analogous

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



C7A700



7EBA10



00C560

# Triad

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



7EBA10



00C2FF



FF5BA8

# Complementary

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



7EBA10



4C10BA

# 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.



FF71EF



7EBA10



00B1FF

# Square

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



7EBA10



00C9F2



AA94FF



FF6A62

# Rectangle

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



7EBA10



00C891



AA94FF



FF5EC1



# Sweetspot

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



7EBA10



DBF2B1



BA4B10



6D7A53



FAFAFA



7A7A7A



# Same Dimension

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



7EBA10



9DF200



29BA10



595C53



659C00



121C00



# Inverse Universe

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



4C10BA



5500F2



A010BA



56535C



37009C



0A001C



# Previews

## White Background



This preview shows how the Hex color 7EBA10 looks on a white background.

## Color Contrast Check

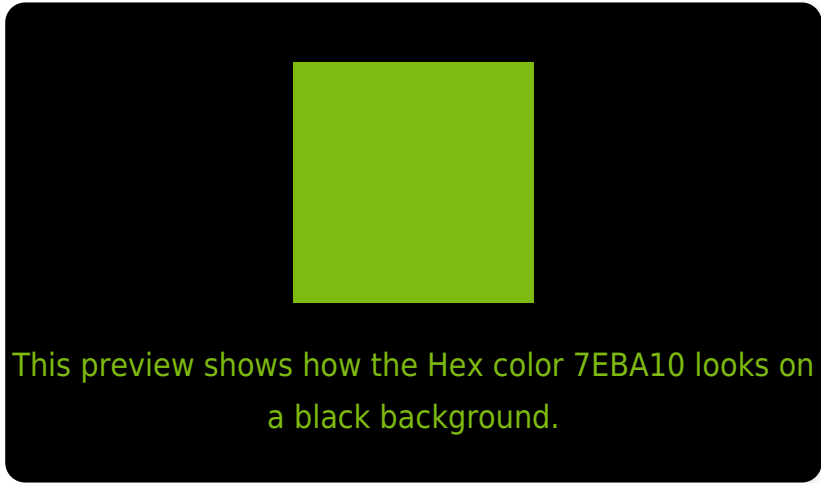
Large Text (above 18pt) WCAG AA × Fail

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 7EBA10 Background



This preview shows how black text looks on a background with the Hex color 7EBA10.

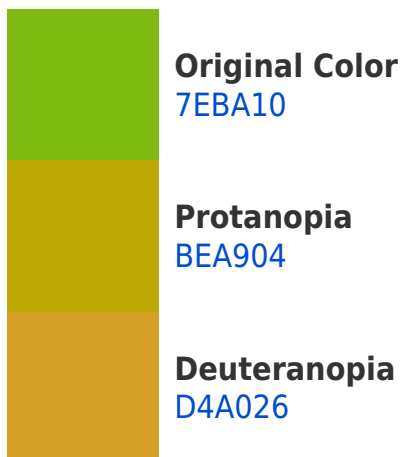


This preview shows how white text looks on a background with the Hex color 7EBA10.

# 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](#).

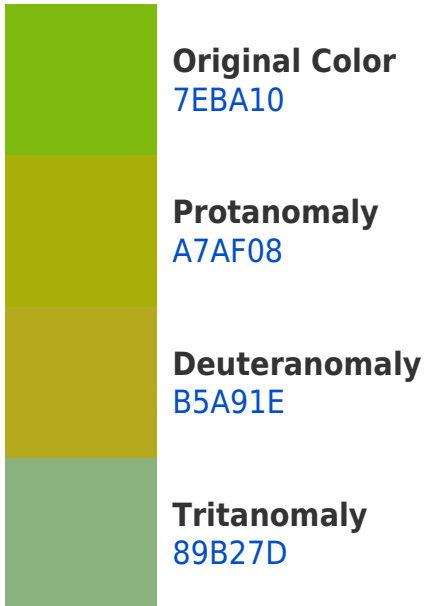
## Dichromacy





**Tritanopia**  
90ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EBA10 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 #7EBA10 looks like.

```
.text, #text, p{  
    color:#7EBA10  
}
```

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 #7EBA10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EBA10  
}
```

## Border

The CSS property to change the border of an element to Hex 7EBA10 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  
#7EBA10 }
```

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

```
.border{ border-color:#7EBA10 }
```

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

Here you see how a box with a 4 pixel #7EBA10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EBA10; -webkit-box-shadow:4px 4px  
4px 4px #7EBA10; box-shadow:4px 4px 4px  
4px #7EBA10 }
```

# Background

The CSS property to change the background color of an element to Hex 7EBA10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EBA10 }
```

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

```
.background{ background-color:#7EBA10 }
```

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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