

# Converting Colors

Hex(7EB952)

Have a look what the booklet for  
Hex(7EB952) contains.

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**Color**

**Hex(7EB952)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7EB952
RGB	126, 185, 82
RGB Percent	49%, 73%, 32%
CMY	0.5059, 0.2745, 0.6784
CMYK	0.32, 0.00, 0.56, 0.27
HSL	94°, 42%, 52%
HSV	94°, 56%, 73%
XYZ	27.4761, 39.7427, 14.2056
YIQ	155.6170, -2.1010, -44.5410

# Conversions

## Conversions Part 2

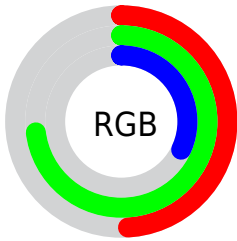
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 185, 141
Decimal	8304978
CIELab	69.29, -37.01, 45.61
CIELCh	69, 58.733, 129.057
Yxy	39.7427, 0.3374, 0.4881
Android (android.graphics.Color)	4286495058 (0xFF7EB952)
YUV	155.6170, -36.2932, -25.9741
Hunter-Lab	63.0418, -32.5258, 30.7691

# Details

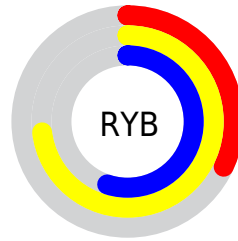
The Hex color **7EB952** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8D52B9**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B5F186**, and **48831E** is the 20% darker color. If you saturate the color by 10%, you get **73B93F**, and if you desaturate by 10%, it is **89B965**.

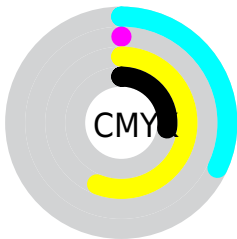
# Distribution



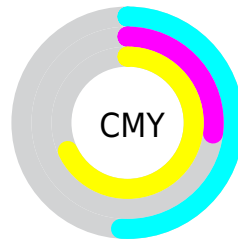
- Red (49%)
- Green (73%)
- Blue (32%)



- Red (32%)
- Yellow (73%)
- Blue (55%)



- Cyan (32%)
- Magenta (0%)
- Yellow (56%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7EB952 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 7EB952 by changing the saturation by 10% instead.





7EB952



7EB952

FFFFFF



639E38



B5F186



48831E



D2FFA1



2D6A00



EFFFBF



0E5100



FFFFD9



003900



FFFFF6



002500



000000



7EB952



7EB952



73B93F



89B965

 69B92D

 93B977

 5EB91A

 9EB98A

 54B908

 A8B99C

 4FB900

 B3B9AF

 BEB9C1

 C8B9D4

 D3B9E6

 DDB9F9

# Harmonies

## Analogous

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



B7AC38



7EB952



14C181

# Triad

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



7EB952



00B9FF



FF799B

# Complementary

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



7EB952



8D52B9

# 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.



F680D0



7EB952



62AAFF

# Square

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



7EB952



00C1EB



C194FC



FF8569

# Rectangle

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



7EB952



00C3A6



C194FC



FF79AD



# Sweetspot

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



7EB952



D8F0C7



B98C52



6A7860



F7F7F7



787878



# Same Dimension

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



7EB952



94F04F



52B959



575C53



429C00



0C1C00



# Inverse Universe

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



8D52B9



AB4FF0



B952B2



58535C



59009C



10001C



# Previews

## White Background



This preview shows how the Hex color 7EB952 looks on a white background.

## Color Contrast Check

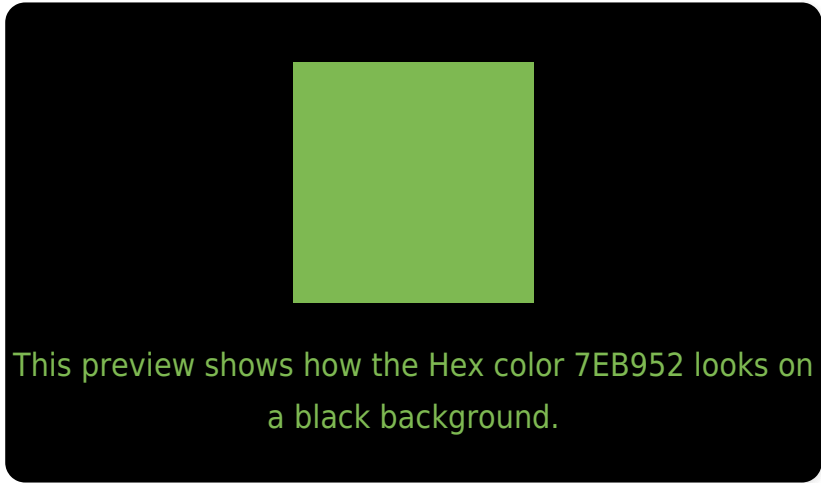
Large Text (above 18pt) WCAG AA × Fail

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 7EB952 Background



This preview shows how black text looks on a background with the Hex color 7EB952.

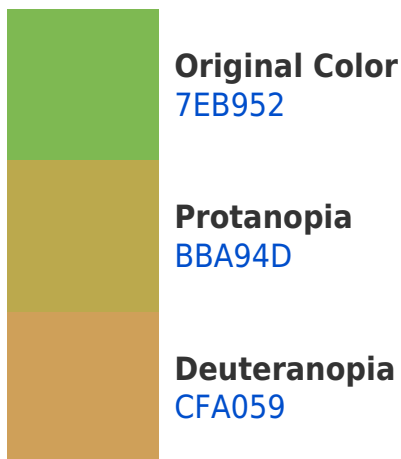


This preview shows how white text looks on a background with the Hex color 7EB952.

# 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**  
8EAEB3

# Trichromacy



**Original Color**  
7EB952



**Protanomaly**  
A5AF4F



**Deuteranomaly**  
B2A956



**Tritanomaly**  
88B295

# Monochromacy



**Original Color**  
7EB952



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
91A781

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7EB952 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 #7EB952 looks like.

```
.text, #text, p{  
    color:#7EB952  
}
```

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 #7EB952 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB952
}
```

## Border

The CSS property to change the border of an element to Hex 7EB952 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
#7EB952 }
```

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

```
.border{ border-color:#7EB952 }
```

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

Here you see how a box with a 4 pixel #7EB952 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB952; -webkit-box-shadow:4px 4px  
4px 4px #7EB952; box-shadow:4px 4px 4px  
4px #7EB952 }
```

# Background

The CSS property to change the background color of an element to Hex 7EB952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB952 }
```

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

```
.background{ background-color:#7EB952 }
```

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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