

Converting Colors

Hex(7EB91E)

Have a look what the booklet for
Hex(7EB91E) contains.

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Color

Hex(7EB91E)

Conversions

Conversions Part 1

Format	Color
Hex	7EB91E
RGB	126, 185, 30
RGB Percent	49%, 73%, 12%
CMY	0.5059, 0.2745, 0.8824
CMYK	0.32, 0.00, 0.84, 0.27
HSL	83°, 72%, 42%
HSV	83°, 84%, 73%
XYZ	26.1875, 39.2273, 7.4197
YIQ	149.6890, 14.5910, -60.7130

Conversions

Conversions Part 2

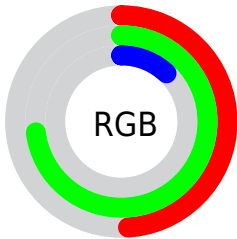
Format	Color
RYB	30, 185, 89
Decimal	8304926
CIELab	68.92, -40.66, 64.72
CIELCh	69, 76.430, 122.142
Yxy	39.2273, 0.3595, 0.5386
Android (android.graphics.Color)	4286495006 (0xFF7EB91E)
YUV	149.6890, -59.0067, -20.7753
Hunter-Lab	62.6317, -34.9712, 36.8184

Details

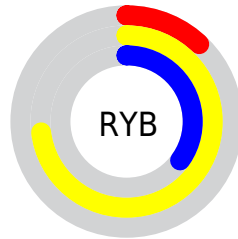
The Hex color **7EB91E** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **591EB9**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **B7F15B**, and **468300** is the 20% darker color. If you saturate the color by 10%, you get **77B90B**, and if you desaturate by 10%, it is **85B931**.

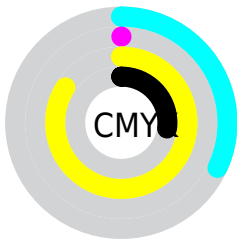
Distribution



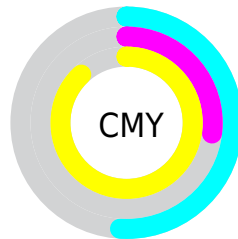
- Red (49%)
- Green (73%)
- Blue (12%)



- Red (12%)
- Yellow (73%)
- Blue (35%)



- Cyan (32%)
- Magenta (0%)
- Yellow (84%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7EB91E 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 7EB91E by changing the saturation by 10% instead.

 7EB91E

 7EB91E

FFFFFF

 629E00

 B7F15B

 468300

 D4FF77

 296A00

 F2FF92

 005100

 FFFFAF

 003900

 FFFFCB

 002500

 FFFF E9

 000000

 7EB91E

 7EB91E

 77B90B

 85B931

■ 73B900

■ 8CB943

■ 93B956

■ 9AB968

■ A1B97A

■ A8B98D

■ AFB9A0

■ B6B9B2

■ BDB9C5

Harmonies

Analogous

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



C4A700



7EB91E



00C364

Triad

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



7EB91E



00C0FF



FF5FA6

Complementary

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



7EB91E



591EB9

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.



FF72EA



7EB91E



00AFFF

Square

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



7EB91E



00C7F0



AD93FF



FF6D63

Rectangle

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



7EB91E



00C793



AD93FF



FF62BD

Sweetspot

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



7EB91E



D9F0B4



B9571E



6A7854



F7F7F7



787878

Same Dimension

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



7EB91E



94F000



33B91E



585C53



609C00



111C00

Inverse Universe

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



591EB9



5B00F0



A41EB9



56535C



3B009C



0B001C

Previews

White Background



This preview shows how the Hex color 7EB91E looks on a white background.

Color Contrast Check

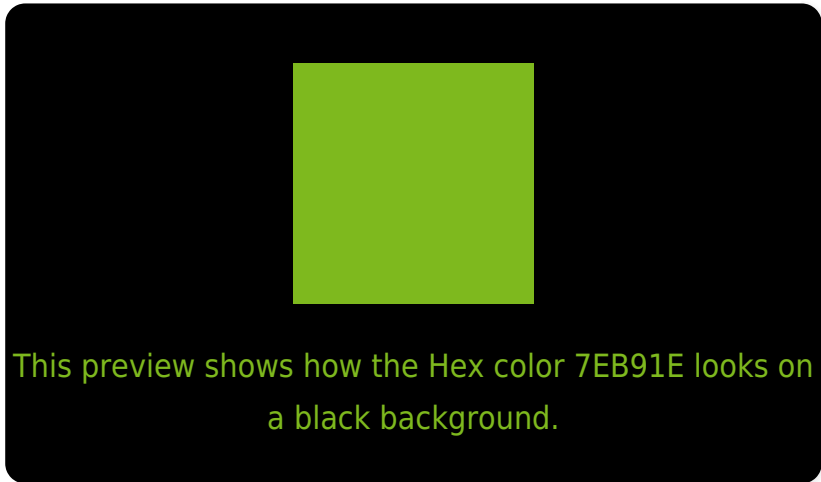
Large Text (above 18pt) WCAG AA × Fail

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 7EB91E Background



This preview shows how black text looks on a background with the Hex color 7EB91E.

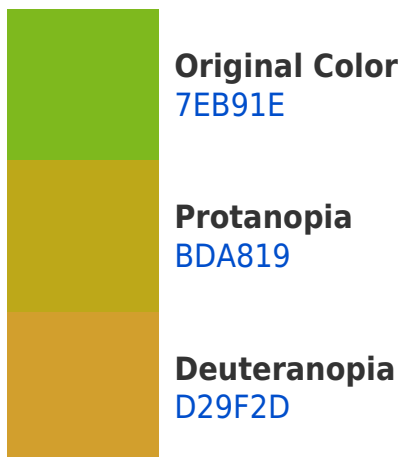


This preview shows how white text looks on a background with the Hex color 7EB91E.

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](#).

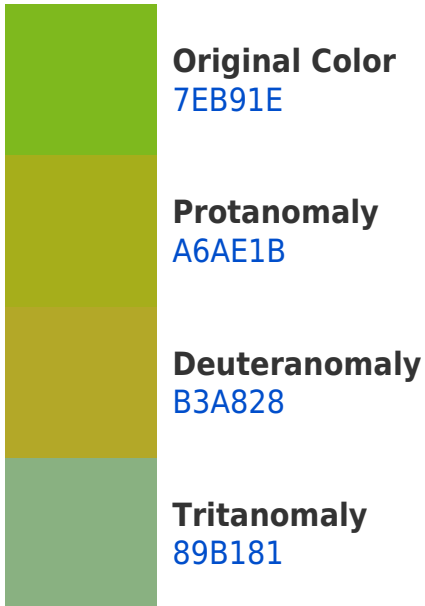
Dichromacy





Tritanopia
90ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7EB91E 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 #7EB91E looks like.

```
.text, #text, p{  
    color:#7EB91E  
}
```

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 #7EB91E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EB91E
}
```

Border

The CSS property to change the border of an element to Hex 7EB91E 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
#7EB91E }
```

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

```
.border{ border-color:#7EB91E }
```

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

Here you see how a box with a 4 pixel #7EB91E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EB91E; -webkit-box-shadow:4px 4px  
4px 4px #7EB91E; box-shadow:4px 4px 4px  
4px #7EB91E }
```

Background

The CSS property to change the background color of an element to Hex 7EB91E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EB91E }
```

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

```
.background{ background-color:#7EB91E }
```

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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