

Converting Colors

Hex(7ED640)

Have a look what the booklet for
Hex(7ED640) contains.

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Color

Hex(7ED640)

Conversions

Conversions Part 1

Format	Color
Hex	7ED640
RGB	126, 214, 64
RGB Percent	49%, 84%, 25%
CMY	0.5059, 0.1608, 0.7490
CMYK	0.41, 0.00, 0.70, 0.16
HSL	95°, 65%, 55%
HSV	95°, 70%, 84%
XYZ	33.5762, 52.8989, 13.2914
YIQ	170.5880, -4.2980, -65.3060

Conversions

Conversions Part 2

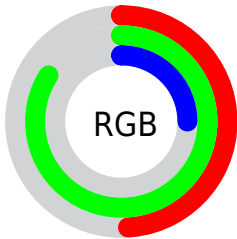
Format	Color
RYB	64, 214, 152
Decimal	8312384
CIELab	77.82, -50.92, 62.54
CIELCh	78, 80.647, 129.154
Yxy	52.8989, 0.3365, 0.5302
Android (android.graphics.Color)	4286502464 (0xFF7ED640)
YUV	170.5880, -52.5479, -39.1037
Hunter-Lab	72.7316, -44.8768, 40.0772

Details

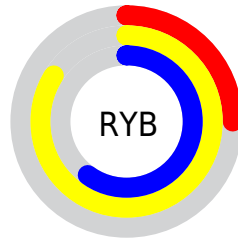
The Hex color **7ED640** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **9840D6**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B8FF78**, and **439E00** is the 20% darker color. If you saturate the color by 10%, you get **71D62B**, and if you desaturate by 10%, it is **8BD655**.

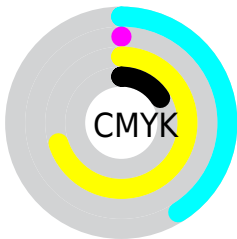
Distribution



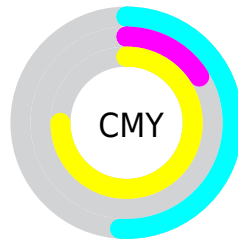
- Red (49%)
- Green (84%)
- Blue (25%)



- Red (25%)
- Yellow (84%)
- Blue (60%)



- Cyan (41%)
- Magenta (0%)
- Yellow (70%)
- Black (16%)



- Cyan (51%)
- Magenta (16%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7ED640 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 7ED640 by changing the saturation by 10% instead.

 7ED640

 7ED640

FFFFFF

 61BA21

 B8FF78

 439E00

 D6FF94

 208400

 F4FFB0

 006A00

 FFFFCC

 005100

 FFFFEA

 003900

 002200

 000000

 7ED640

 7ED640

 71D62B

 8BD655

 65D615

 97D66B

 58D600

 A4D680

 B0D696

 BDD6AB

 C9D6C0

 D6D6D6

 E2D6EB

 EFD6FF

Harmonies

Analogous

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



D0C400



7ED640



00E088

Triad

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



7ED640



00D7FF



FF74AD

Complementary

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



7ED640



9840D6

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.



FF81F7



7ED640



29C2FF

Square

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



7ED640



00E1FF



E0A2FF



FF8965

Rectangle

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



7ED640



00E3BC



E0A2FF



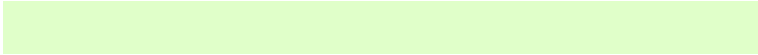
FF74C6

Sweetspot

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



7ED640



E0FFC9



D69840



6D8060



000000



808080

Same Dimension

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



7ED640



81FF29



40D64C



656B60



47AB00



122B00

Inverse Universe

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



9840D6



A629FF



D640CA



67606B



6400AB



19002B

Previews

White Background



This preview shows how the Hex color 7ED640 looks on a white background.

Color Contrast Check

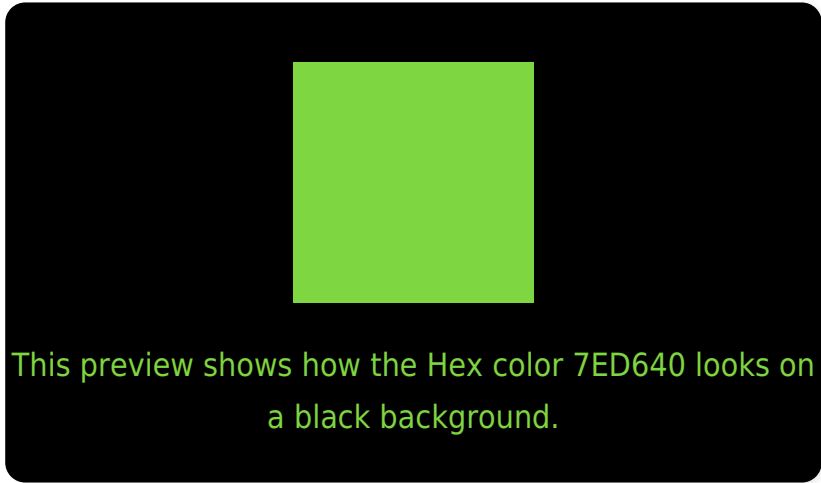
Large Text (above 18pt) WCAG AA × Fail

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 7ED640 Background



This preview shows how black text looks on a background with the Hex color 7ED640.

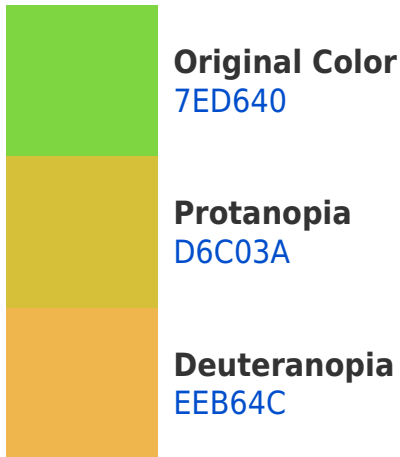


This preview shows how white text looks on a background with the Hex color 7ED640.

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
95C8D8

Trichromacy



Original Color
7ED640



Protanomaly
B6C83C



Deuteranomaly
C5C248

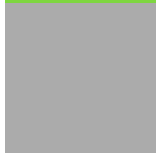


Tritanomaly
8DCDA1

Monochromacy



Original Color
7ED640



Achromatopsia
ABABAB



Achromatomaly
9BBB84

CSS Examples

Text

The CSS property to change the color of the text to Hex 7ED640 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 #7ED640 looks like.

```
.text, #text, p{  
    color:#7ED640  
}
```

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 #7ED640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7ED640
}
```

Border

The CSS property to change the border of an element to Hex 7ED640 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
#7ED640 }
```

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

```
.border{ border-color:#7ED640 }
```

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

Here you see how a box with a 4 pixel #7ED640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7ED640; -webkit-box-shadow:4px 4px  
4px 4px #7ED640; box-shadow:4px 4px 4px  
4px #7ED640 }
```

Background

The CSS property to change the background color of an element to Hex 7ED640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7ED640 }
```

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

```
.background{ background-color:#7ED640 }
```

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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