

Converting Colors

Hex(789ED3)

Have a look what the booklet for
Hex(789ED3) contains.

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Color

Hex(789ED3)

Conversions

Conversions Part 1

Format	Color
Hex	789ED3
RGB	120, 158, 211
RGB Percent	47%, 62%, 83%
CMY	0.5294, 0.3804, 0.1725
CMYK	0.43, 0.25, 0.00, 0.17
HSL	215°, 51%, 65%
HSV	215°, 43%, 83%
XYZ	31.7305, 33.1499, 66.3542
YIQ	152.6800, -39.6610, 8.4270

Conversions

Conversions Part 2

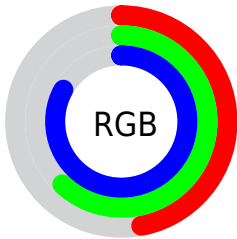
Format	Color
R _Y B	120, 147, 211
Decimal	7904979
CIE Lab	64.28, 0.81, -31.15
CIE LCh	64, 31.157, 271.494
Yxy	33.1499, 0.2418, 0.2526
Android (android.graphics.Color)	4286095059 (0xFF789ED3)
YUV	152.6800, 28.7518, -28.6604
Hunter-Lab	57.5760, -2.3856, -28.0264

Details

The Hex color **789ED3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D3AD78**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **B0D4FF**, and **416B9C** is the 20% darker color. If you saturate the color by 10%, you get **6392D3**, and if you desaturate by 10%, it is **8DAAD3**.

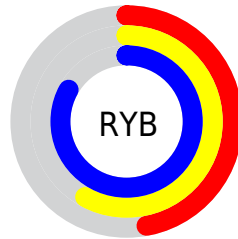
Distribution



Red (47%)

Green (62%)

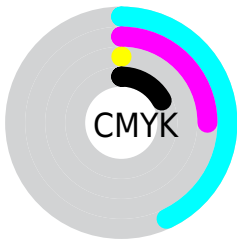
Blue (83%)



Red (47%)

Yellow (58%)

Blue (83%)

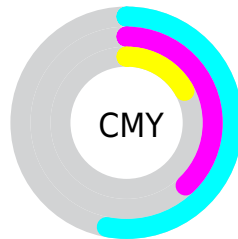


Cyan (43%)

Magenta (25%)

Yellow (0%)

Black (17%)



Cyan (53%)

Magenta (38%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789ED3 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 789ED3 by changing the saturation by 10% instead.

 789ED3

 789ED3

FFFFFF

 5D84B7

 B0D4FF

 416B9C

 CCF1FF

 245382

 E9FFFF

 003C69

 002750

 001239

 000223

 00000A

 000000

 789ED3

 789ED3

 6392D3

 8DAAD3

 4E85D3

 A2B7D3

 3979D3

 B7C3D3

 246DD3

 CCCFD3

 0E61D3

 E2DBD3

 0058D3

 F7E8D3

 FFF4D3

 FFFFD3

Harmonies

Analogous

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



4EA6CC



789ED3



A194CB

Triad

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



789ED3



D28980



6FA880

Complementary

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



789ED3



D3AD78

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.



90A36C



789ED3



C5916C

Square

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



789ED3



D1879B



AD9B64



4EAB9C

Rectangle

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



789ED3



B78EBF



AD9B64



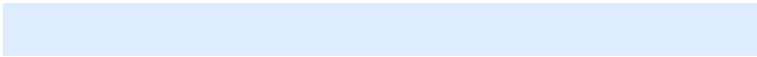
7AA778

Sweetspot

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



789ED3



DEECFF



78D3AC



6B7480



000000



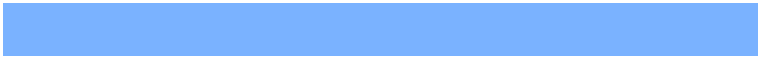
808080

Same Dimension

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



789ED3



7AB2FF



7E78D3



5E6269



0046A8



001129

Inverse Universe

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



D3789E



FF7AB2



CDD378



695E62



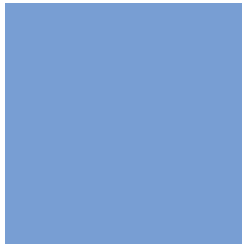
A80046



290011

Previews

White Background



This preview shows how the Hex color 789ED3 looks on a white background.

Color Contrast Check

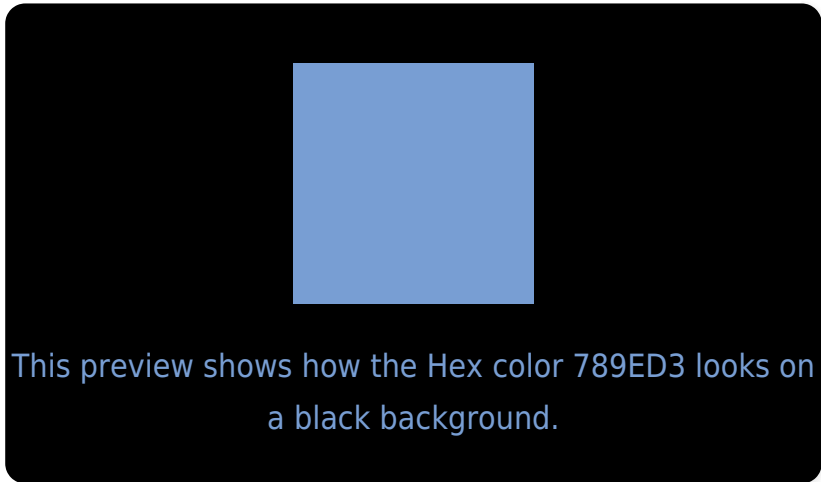
Large Text (above 18pt) WCAG AA × Fail

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

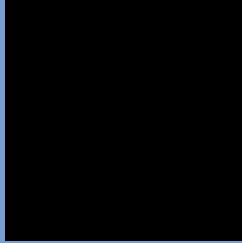
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

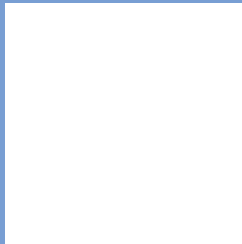
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 789ED3 Background



This preview shows how black text looks on a background with the Hex color 789ED3.

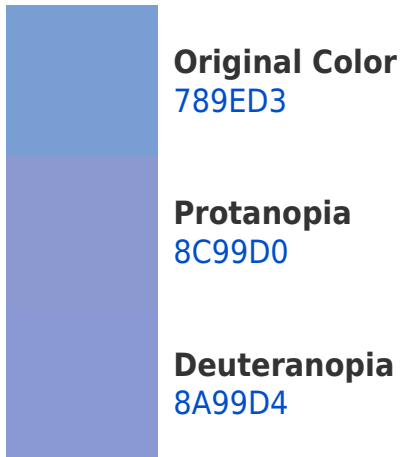


This preview shows how white text looks on a background with the Hex color 789ED3.

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](#).

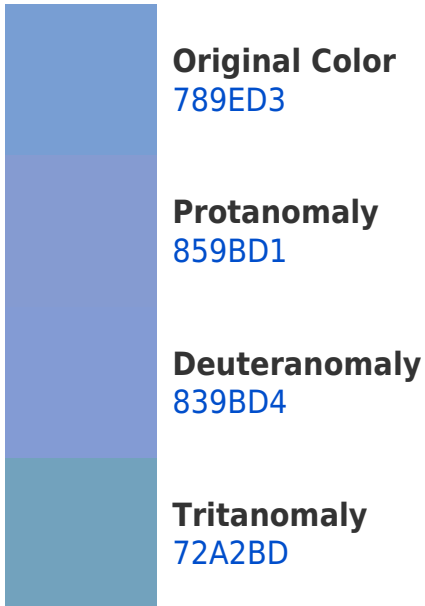
Dichromacy



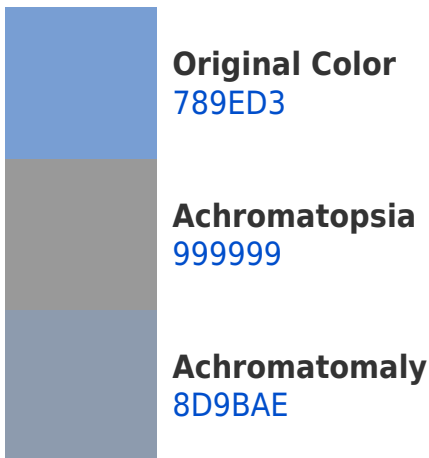


Tritanopia
6FA4B1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 789ED3 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 #789ED3 looks like.

```
.text, #text, p{  
    color:#789ED3  
}
```

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 #789ED3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789ED3
}
```

Border

The CSS property to change the border of an element to Hex 789ED3 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
#789ED3 }
```

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

```
.border{ border-color:#789ED3 }
```

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

Here you see how a box with a 4 pixel #789ED3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789ED3; -webkit-box-shadow:4px 4px  
4px 4px #789ED3; box-shadow:4px 4px 4px  
4px #789ED3 }
```

Background

The CSS property to change the background color of an element to Hex 789ED3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789ED3 }
```

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

```
.background{ background-color:#789ED3 }
```

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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