

Converting Colors

Hex(788EC0)

Have a look what the booklet for
Hex(788EC0) contains.

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Color

Hex(788EC0)

Conversions

Conversions Part 1

Format	Color
Hex	788EC0
RGB	120, 142, 192
RGB Percent	47%, 56%, 75%
CMY	0.5294, 0.4431, 0.2471
CMYK	0.38, 0.26, 0.00, 0.25
HSL	222°, 36%, 61%
HSV	222°, 38%, 75%
XYZ	26.9332, 27.1448, 53.6891
YIQ	141.1220, -29.1620, 10.8860

Conversions

Conversions Part 2

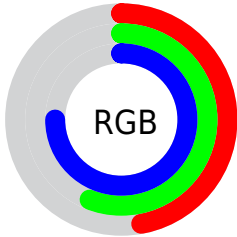
Format	Color
R_{YB}	120, 137, 192
Decimal	7900864
CIE _{Lab}	59.11, 4.67, -28.51
CIE _{LCh}	59, 28.889, 279.304
Yxy	27.1448, 0.2499, 0.2519
Android (android.graphics.Color)	4286090944 (0xFF788EC0)
YUV	141.1220, 25.0829, -18.5240
Hunter-Lab	52.1007, 1.0983, -24.6271

Details

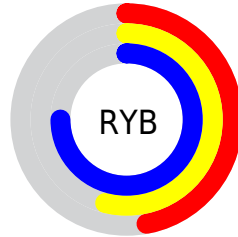
The Hex color **788EC0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **C0AA78**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **AEC4F9**, and **445C8A** is the 20% darker color. If you saturate the color by 10%, you get **6581C0**, and if you desaturate by 10%, it is **8B9BC0**.

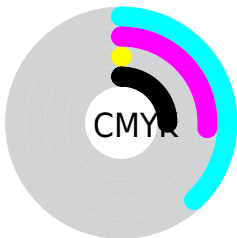
Distribution



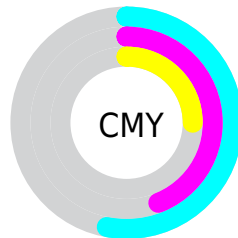
- Red (47%)
- Green (56%)
- Blue (75%)



- Red (47%)
- Yellow (54%)
- Blue (75%)



- Cyan (38%)
- Magenta (26%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 788EC0 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 788EC0 by changing the saturation by 10% instead.

■ 788EC0

■ 788EC0

FFFFFF

■ 5E75A5

■ AEC4F9

■ 445C8A

■ CADFFF

■ 294571

■ E7FCFF

■ 0A2F58

■ 001A40

■ 00022A

■ 000114

■ 000000

■ 788EC0

■ 788EC0

6581C0

8B9BC0

5273C0

9EA9C0

3E66C0

B2B6C0

2B59C0

C5C3C0

184BC0

D8D1C0

053EC0

EBDEC0

003BC0

FE EBC0

FFF9C0

FFFFC0

Harmonies

Analogous

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



5196BD



788EC0



9C85B6

Triad

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



788EC0



BD7F6F



5E9B7C

Complementary

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



788EC0



C0AA78

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.



7C9666



788EC0



AF875F

Square

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



788EC0



C07B87



988F5C



419C96

Rectangle

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



788EC0



AE80A9



988F5C



689A74

Sweetspot

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



788EC0



DEE7FA



78C0A9



6D727D



FCFCFC



7D7D7D

Same Dimension

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



788EC0



89ACFA



8578C0



575A61



0031A1



000A21

Inverse Universe

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



C0788E



FA89AC



B3C078



61575A



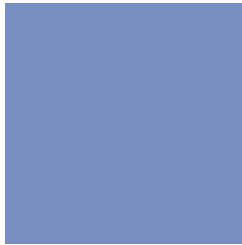
A10031



21000A

Previews

White Background



This preview shows how the Hex color 788EC0 looks on a white background.

Color Contrast Check

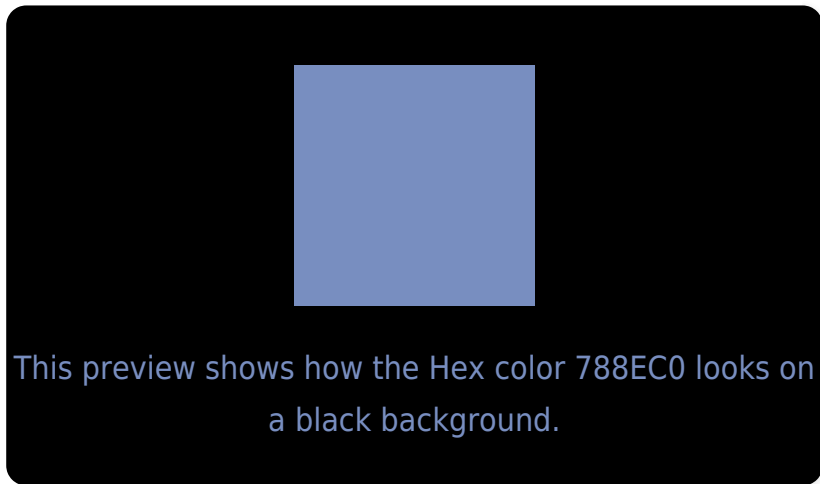
Large Text (above 18pt) WCAG AA ✓ Pass

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

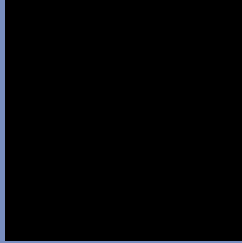
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

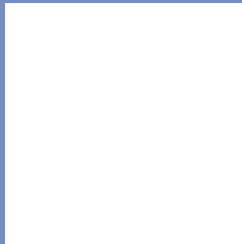
Any Text WCAG AAA × Fail

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

Hex 788EC0 Background



This preview shows how black text looks on a background with the Hex color 788EC0.



This preview shows how white text looks on a background with the Hex color 788EC0.

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



Original Color
788EC0

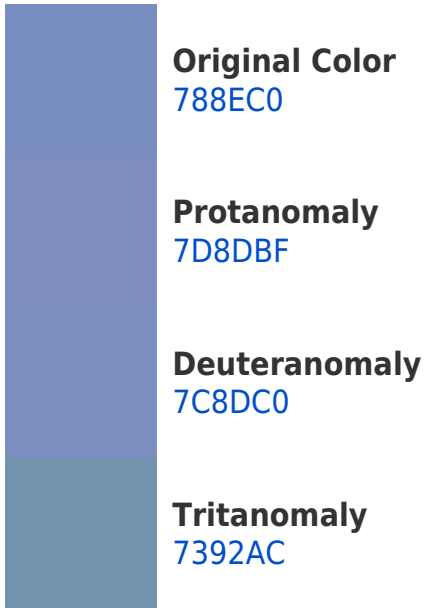
Protanopia
808CBF

Deuteranopia
7F8CC0

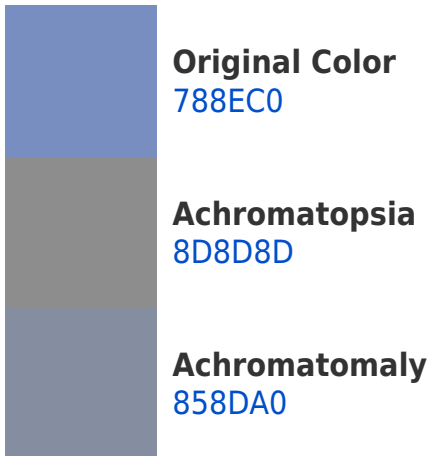


Tritanopia
7094A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 788EC0 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 #788EC0 looks like.

```
.text, #text, p{  
    color:#788EC0  
}
```

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 #788EC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #788EC0
}
```

Border

The CSS property to change the border of an element to Hex 788EC0 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
#788EC0 }
```

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

```
.border{ border-color:#788EC0 }
```

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

Here you see how a box with a 4 pixel #788EC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #788EC0; -webkit-box-shadow:4px 4px  
4px 4px #788EC0; box-shadow:4px 4px 4px  
4px #788EC0 }
```

Background

The CSS property to change the background color of an element to Hex 788EC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#788EC0 }
```

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

```
.background{ background-color:#788EC0 }
```

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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