

Converting Colors

Hex(6789E2)

Have a look what the booklet for
Hex(6789E2) contains.

Hex(6789E2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6789E2)

Conversions

Conversions Part 1

Format	Color
Hex	6789E2
RGB	103, 137, 226
RGB Percent	40%, 54%, 89%
CMY	0.5961, 0.4627, 0.1137
CMYK	0.54, 0.39, 0.00, 0.11
HSL	223°, 68%, 65%
HSV	223°, 54%, 89%
XYZ	28.2666, 26.2659, 75.5315
YIQ	136.9800, -48.8330, 20.4710

Conversions

Conversions Part 2

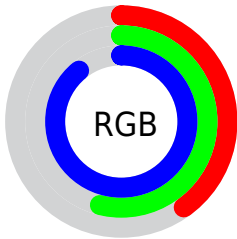
Format	Color
RYB	103, 130, 226
Decimal	6785506
CIELab	58.29, 13.54, -48.96
CIELCh	58, 50.799, 285.454
Yxy	26.2659, 0.2173, 0.2019
Android (android.graphics.Color)	4284975586 (0xFF6789E2)
YUV	136.9800, 43.8869, -29.8005
Hunter-Lab	51.2502, 8.7623, -51.5052

Details

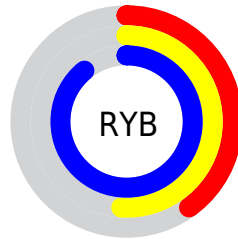
The Hex color **6789E2** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E2C067**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A1BEFF**, and **2658AA** is the 20% darker color. If you saturate the color by 10%, you get **5079E2**, and if you desaturate by 10%, it is **7E99E2**.

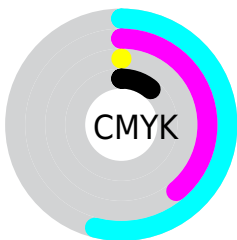
Distribution



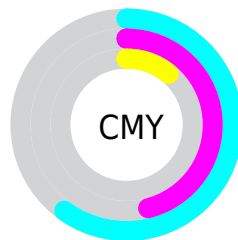
- Red (40%)
- Green (54%)
- Blue (89%)



- Red (40%)
- Yellow (51%)
- Blue (89%)



- Cyan (54%)
- Magenta (39%)
- Yellow (0%)
- Black (11%)



- Cyan (60%)
- Magenta (46%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6789E2 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 6789E2 by changing the saturation by 10% instead.

■ 6789E2

■ 6789E2

FFFFFF

■ 4970C6

■ A1BEFF

■ 2658AA

■ BEDAFF

■ 00418F

■ DCF6FF

■ 002B75

■ FAFFFF

■ 00185C

■ 000344

■ 00032D

■ 000117

■ 000000

■ 6789E2

■ 6789E2

■ 5079E2

■ 7E99E2

■ 3A68E2

■ 94AAE2

■ 2358E2

■ ABBAE2

■ 0D48E2

■ C1CAE2

■ 003EE2

■ D8DBE2

■ EFEBE2

■ FFFBE2

■ FFFFE2

Harmonies

Analogous

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



0097E2



6789E2



AC77CB

Triad

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



6789E2



D3714E



00A174

Complementary

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



6789E2



E2C067

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.



5C9B4B



6789E2



B78233

Square

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



6789E2



DE6577



8F9130



00A2A2

Rectangle

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



6789E2



C96CB2



8F9130



279F65

Sweetspot

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



6789E2



D6E1FF



67E2BF



676E80



000000



808080

Same Dimension

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



6789E2



5987FF



8267E2



656870



0031B0



000D30

Inverse Universe

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



E26789



FF5987



C7E267



706568



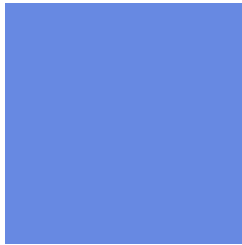
B00031



30000D

Previews

White Background



This preview shows how the Hex color 6789E2 looks on a white background.

Color Contrast Check

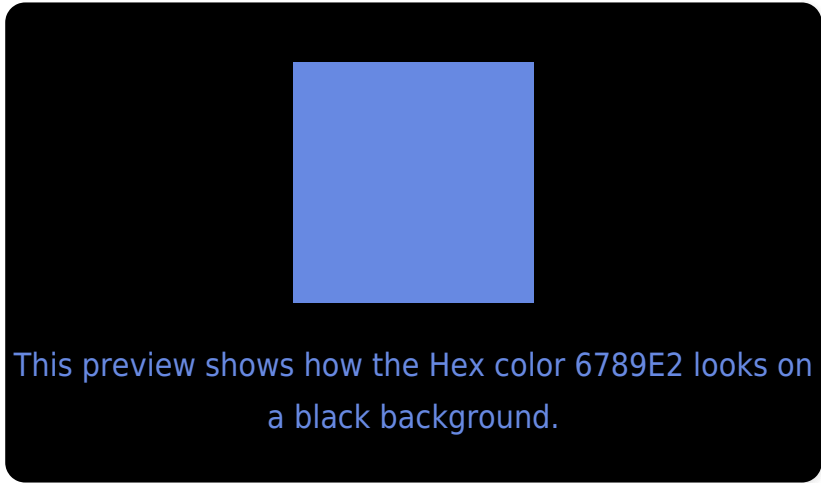
Large Text (above 18pt) WCAG AA ✓ Pass

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 6789E2 Background



This preview shows how black text looks on a background with the Hex color 6789E2.



This preview shows how white text looks on a background with the Hex color 6789E2.

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
5096A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6789E2 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 #6789E2 looks like.

```
.text, #text, p{  
  color:#6789E2  
}
```

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 #6789E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6789E2
}
```

Border

The CSS property to change the border of an element to Hex 6789E2 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
#6789E2 }
```

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

```
.border{ border-color:#6789E2 }
```

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

Here you see how a box with a 4 pixel #6789E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6789E2; -webkit-box-shadow:4px 4px  
4px 4px #6789E2; box-shadow:4px 4px 4px  
4px #6789E2 }
```

Background

The CSS property to change the background color of an element to Hex 6789E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6789E2 }
```

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

```
.background{ background-color:#6789E2 }
```

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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