

Converting Colors

Hex(7292E3)

Have a look what the booklet for
Hex(7292E3) contains.

Hex(7292E3)	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(7292E3)

Conversions

Conversions Part 1

Format	Color
Hex	7292E3
RGB	114, 146, 227
RGB Percent	45%, 57%, 89%
CMY	0.5529, 0.4275, 0.1098
CMYK	0.50, 0.36, 0.00, 0.11
HSL	223°, 67%, 67%
HSV	223°, 50%, 89%
XYZ	31.0834, 29.6812, 76.7638
YIQ	145.6660, -45.0730, 18.4070

Conversions

Conversions Part 2

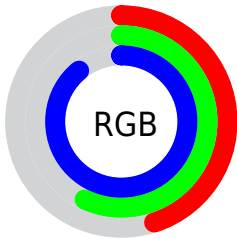
Format	Color
RYB	114, 139, 227
Decimal	7508707
CIELab	61.38, 10.96, -44.59
CIELCh	61, 45.919, 283.803
Yxy	29.6812, 0.2260, 0.2158
Android (android.graphics.Color)	4285698787 (0xFF7292E3)
YUV	145.6660, 40.0977, -27.7711
Hunter-Lab	54.4805, 6.5010, -45.4042

Details

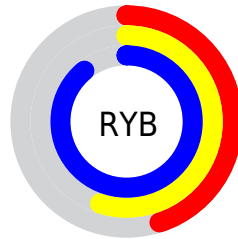
The Hex color **7292E3** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E3C372**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **ABC8FF**, and **3760AB** is the 20% darker color. If you saturate the color by 10%, you get **5B82E3**, and if you desaturate by 10%, it is **89A2E3**.

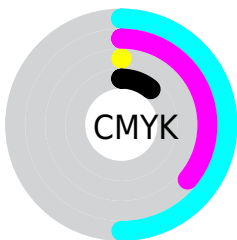
Distribution



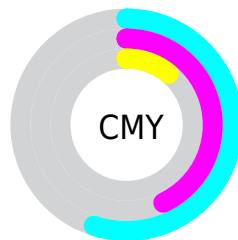
- Red (45%)
- Green (57%)
- Blue (89%)



- Red (45%)
- Yellow (55%)
- Blue (89%)



- Cyan (50%)
- Magenta (36%)
- Yellow (0%)
- Black (11%)



- Cyan (55%)
- Magenta (43%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7292E3 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 7292E3 by changing the saturation by 10% instead.

 7292E3

 7292E3

FFFFFF

 5578C7

 ABC8FF

 3760AB

 C8E4FF

 0D4990

 E6FFFF

 003376

 001E5D

 000445

 00042E

 000118

 000000

■ 7292E3

■ 7292E3

■ 5B82E3

■ 89A2E3

■ 4571E3

■ 9FB3E3

■ 2E61E3

■ B6C3E3

■ 1751E3

■ CDD3E3

■ 0141E3

■ E4E3E3

■ 0040E3

■ FAF4E3

■ FFFE3

Harmonies

Analogous

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



009FE2



7292E3



B082CF

Triad

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



7292E3



D87B5E



29A77C

Complementary

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



7292E3



E3C372

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.



6DA257



7292E3



BF8A45

Square

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



7292E3



E17283



9A9842



00A9A6

Rectangle

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



7292E3



CB79B9



9A9842



46A66F

Sweetspot

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



7292E3



D9E4FF



72E3C3



696F80



000000



808080

Same Dimension

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



7292E3



6691FF



8A72E3



676B73



0033B3



000E33

Inverse Universe

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



E37292



FF6691



CBE372



73676B



B30033



33000E

Previews

White Background



This preview shows how the Hex color 7292E3 looks on a white background.

Color Contrast Check

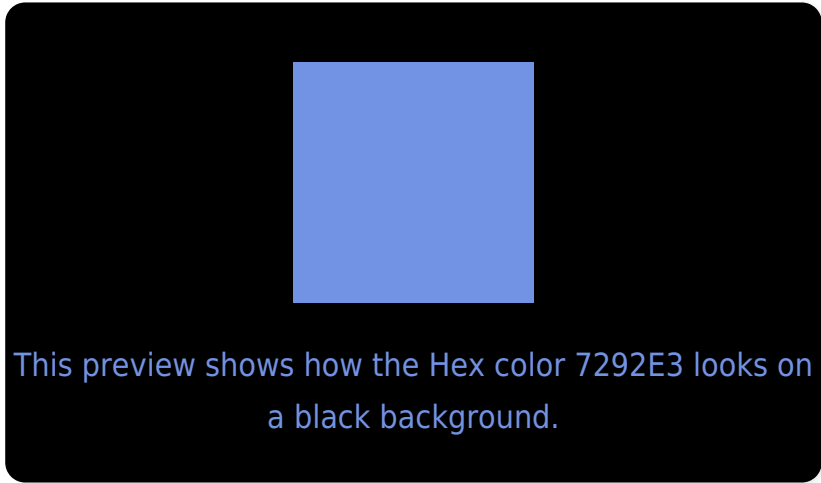
Large Text (above 18pt) WCAG AA ✓ Pass

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

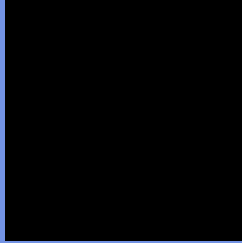
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

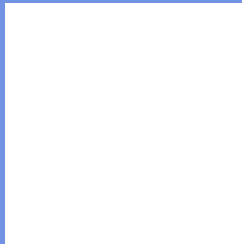
Any Text WCAG AAA × Fail

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

Hex 7292E3 Background



This preview shows how black text looks on a background with the Hex color 7292E3.

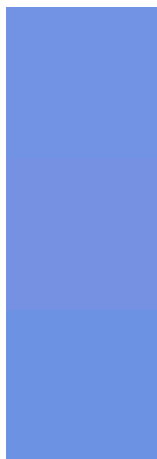


This preview shows how white text looks on a background with the Hex color 7292E3.

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

7292E3

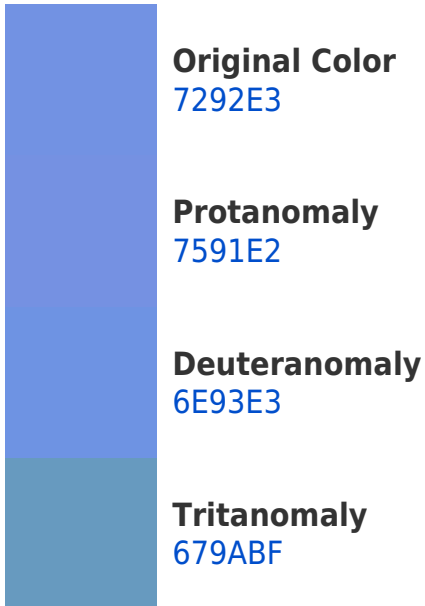
Protanopia

7791E2

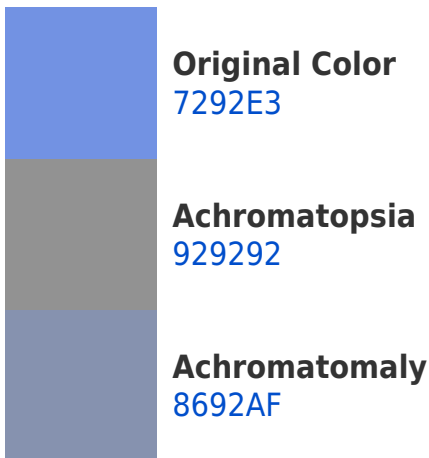
Deuteranopia

6C93E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7292E3 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 #7292E3 looks like.

```
.text, #text, p{  
    color:#7292E3  
}
```

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 #7292E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7292E3
}
```

Border

The CSS property to change the border of an element to Hex 7292E3 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
#7292E3 }
```

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

```
.border{ border-color:#7292E3 }
```

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

Here you see how a box with a 4 pixel #7292E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7292E3; -webkit-box-shadow:4px 4px  
4px 4px #7292E3; box-shadow:4px 4px 4px  
4px #7292E3 }
```

Background

The CSS property to change the background color of an element to Hex 7292E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7292E3 }
```

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

```
.background{ background-color:#7292E3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor