

# Converting Colors

Hex(7284E2)

Have a look what the booklet for  
Hex(7284E2) contains.

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# **Color**

**Hex(7284E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7284E2
RGB	114, 132, 226
RGB Percent	45%, 52%, 89%
CMY	0.5529, 0.4824, 0.1137
CMYK	0.50, 0.42, 0.00, 0.11
HSL	230°, 66%, 67%
HSV	230°, 50%, 89%
XYZ	28.9182, 25.5709, 75.3630
YIQ	137.3340, -40.9020, 25.4180

# Conversions

## Conversions Part 2

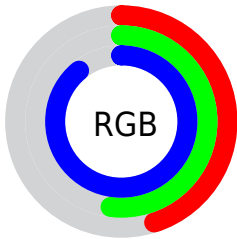
Format	Color
<a href="#">RYB</a>	<a href="#">114, 130, 226</a>
Decimal	<a href="#">7505122</a>
CIELab	<a href="#">57.63, 18.93, -49.97</a>
CIELCh	<a href="#">58, 53.436, 290.748</a>
Yxy	<a href="#">25.5709, 0.2227, 0.1969</a>
Android (android.graphics.Color)	<a href="#">4285695202</a> ( <a href="#">0xFF7284E2</a> )
YUV	<a href="#">137.3340, 43.7123, -20.4639</a>
Hunter-Lab	<a href="#">50.5677, 13.5854, -52.9648</a>

# Details

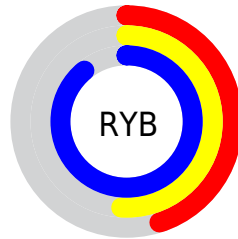
The Hex color **7284E2** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E2D072**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **ABB9FF**, and **3653AA** is the 20% darker color. If you saturate the color by 10%, you get **5B71E2**, and if you desaturate by 10%, it is **8997E2**.

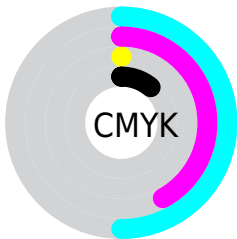
# Distribution



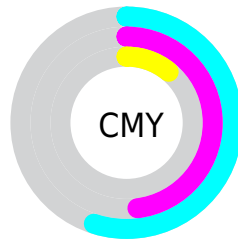
- Red (45%)
- Green (52%)
- Blue (89%)



- Red (45%)
- Yellow (51%)
- Blue (89%)



- Cyan (50%)
- Magenta (42%)
- Yellow (0%)
- Black (11%)



- Cyan (55%)
- Magenta (48%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7284E2 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 7284E2 by changing the saturation by 10% instead.



■ 7284E2

■ 7284E2

FFFFFF

■ 556BC6

■ ABB9FF

■ 3653AA

■ C8D4FF

■ 0C3C8F

■ E6F1FF

■ 002775

■ 00145C

■ 000144

■ 00032C

■ 000117

■ 000000

■ 7284E2

■ 7284E2

■ 5B71E2

■ 8997E2

■ 455EE2

■ 9FAAE2

■ 2E4BE2

■ B6BDE2

■ 1838E2

■ CCD0E2

■ 0125E2

■ E3E3E2

■ 0024E2

■ FAF6E2

■ FFFFE2

# Harmonies

## Analogous

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



0094E6



7284E2



B570C6

# Triad

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



7284E2



D07143



00A07A

# Complementary

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



7284E2



E2D072

# 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.



4B9B4C



7284E2



B08328

# Square

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



7284E2



E0626C



84922C



00A1AA

# Rectangle

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



7284E2



D065AA



84922C



009F6A



# Sweetspot

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



7284E2



D9DFFF



72E2CF



696C80



000000



808080



# Same Dimension

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



7284E2



6981FF



9772E2



656770



001CB0



000830



# Inverse Universe

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



E27284



FF6981



BDE272



706567



B0001C

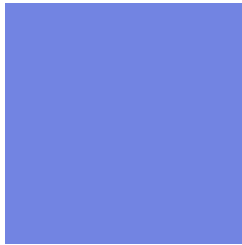


300008



# Previews

## White Background



This preview shows how the Hex color 7284E2 looks on a white background.

## Color Contrast Check

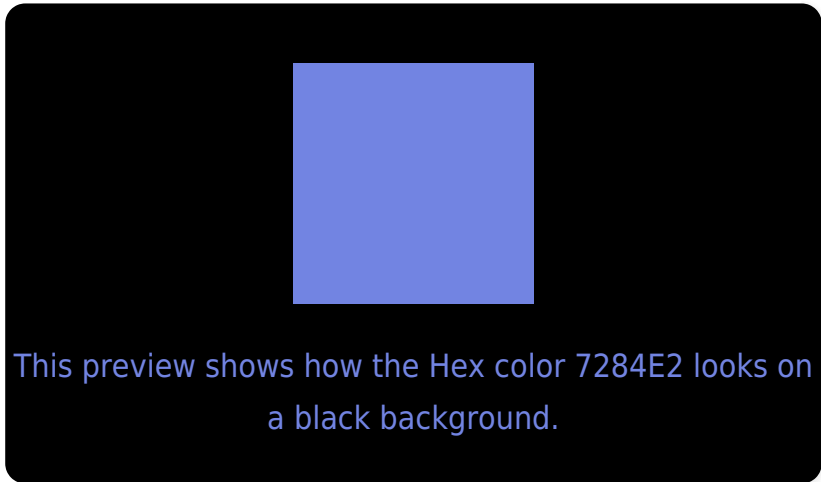
Large Text (above 18pt) WCAG AA ✓ Pass

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 7284E2 Background



This preview shows how black text looks on a background with the Hex color 7284E2.



This preview shows how white text looks on a background with the Hex color 7284E2.

# 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](#).

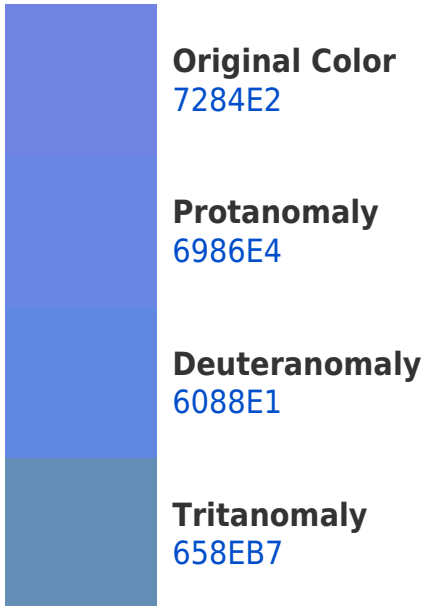
## Dichromacy





**Tritanopia**  
5D939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7284E2 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 #7284E2 looks like.

```
.text, #text, p{  
    color:#7284E2  
}
```

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 #7284E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7284E2
}
```

## Border

The CSS property to change the border of an element to Hex 7284E2 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
#7284E2 }
```

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

```
.border{ border-color:#7284E2 }
```

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

Here you see how a box with a 4 pixel #7284E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7284E2; -webkit-box-shadow:4px 4px  
4px 4px #7284E2; box-shadow:4px 4px 4px  
4px #7284E2 }
```

# Background

The CSS property to change the background color of an element to Hex 7284E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7284E2 }
```

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

```
.background{ background-color:#7284E2 }
```

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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