

# Converting Colors

Hex(7288E4)

Have a look what the booklet for  
Hex(7288E4) contains.

<b>Hex(7288E4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(7288E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7288E4
RGB	114, 136, 228
RGB Percent	45%, 53%, 89%
CMY	0.5529, 0.4667, 0.1059
CMYK	0.50, 0.40, 0.00, 0.11
HSL	228°, 68%, 67%
HSV	228°, 50%, 89%
XYZ	29.7472, 26.7872, 77.0014
YIQ	139.9100, -42.6440, 23.9480

# Conversions

## Conversions Part 2

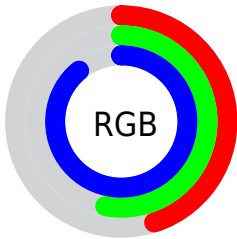
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">114, 132, 228</a>
Decimal	<a href="#">7506148</a>
CIELab	<a href="#">58.78, 17.16, -49.26</a>
CIELCh	<a href="#">59, 52.165, 289.205</a>
Yxy	<a href="#">26.7872, 0.2228, 0.2006</a>
Android (android.graphics.Color)	<a href="#">4285696228</a> (0xFF7288E4)
YUV	<a href="#">139.9100, 43.4284, -22.7231</a>
Hunter-Lab	<a href="#">51.7563, 12.0201, -51.9803</a>

# Details

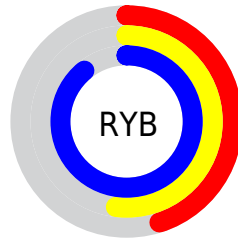
The Hex color **7288E4** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E4CE72**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **ABBDFE**, and **3657AC** is the 20% darker color. If you saturate the color by 10%, you get **5B76E4**, and if you desaturate by 10%, it is **899AE4**.

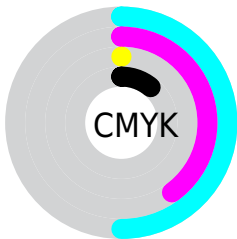
# Distribution



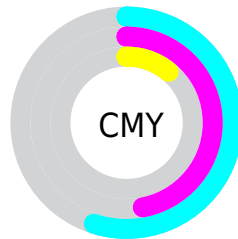
- Red (45%)
- Green (53%)
- Blue (89%)



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



- Cyan (50%)
- Magenta (40%)
- Yellow (0%)
- Black (11%)



- Cyan (55%)
- Magenta (47%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7288E4 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 7288E4 by changing the saturation by 10% instead.



 7288E4

 7288E4

FFFFFF

 556FC8

 ABBDFE

 3657AC

 C9D9FF

 0A4091

 E6F5FF

 002A77

 00175E

 000045

 00042E

 000118

 000000

■ 7288E4

■ 7288E4

■ 5B76E4

■ 899AE4

■ 4463E4

■ A0ADE4

■ 2E51E4

■ B6BFE4

■ 173EE4

■ CDD2E4

■ 002CE4

■ E4E4E4

■ FBF6E4

■ FFFFE4

# Harmonies

## Analogous

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



0097E7



7288E4



B575CA

# Triad

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



7288E4



D47349



00A37B

# Complementary

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



7288E4



E4CE72

# 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.



549E4F



7288E4



B4852F

# Square

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



7288E4



E26672



8A9430



00A4AA

# Rectangle

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



7288E4



D06AAF



8A9430



04A26B



# Sweetspot

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



7288E4



D9E0FF



72E4CD



696D80



000000



808080



# Same Dimension

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



7288E4



6684FF



9472E4



676973



0022B3



000A33



# Inverse Universe

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



E47288



FF6684



C2E472



736769



B30022

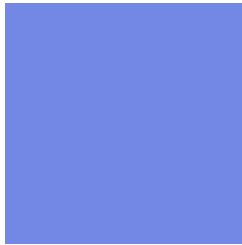


33000A



# Previews

## White Background



This preview shows how the Hex color 7288E4 looks on a white background.

## Color Contrast Check

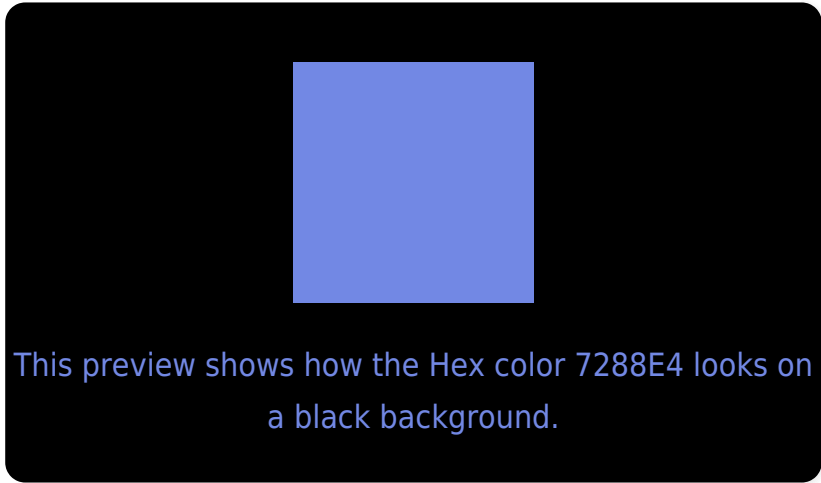
Large Text (above 18pt) WCAG AA ✓ Pass

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

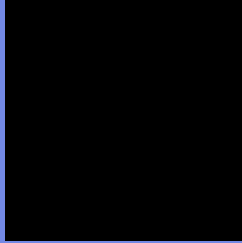
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7288E4 Background



This preview shows how black text looks on a background with the Hex color 7288E4.



This preview shows how white text looks on a background with the Hex color 7288E4.

# 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**  
7288E4

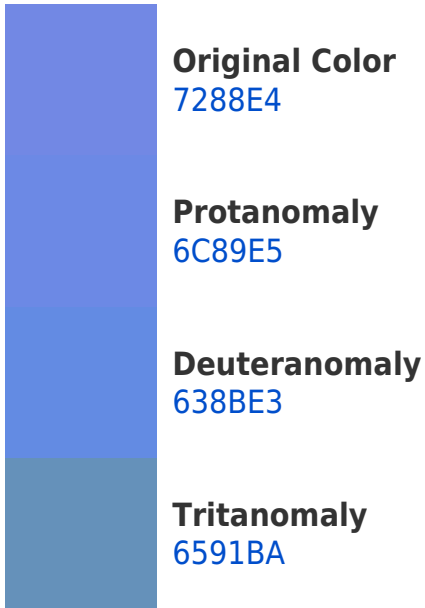
**Protanopia**  
688AE6

**Deuteranopia**  
5B8DE3

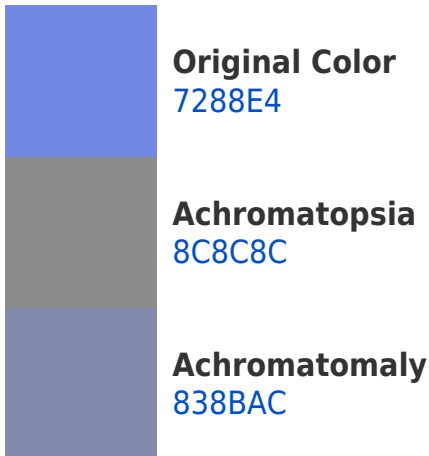


**Tritanopia**  
5D96A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7288E4 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 #7288E4 looks like.

```
.text, #text, p{  
    color:#7288E4  
}
```

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 #7288E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7288E4
}
```

## Border

The CSS property to change the border of an element to Hex 7288E4 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
#7288E4 }
```

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

```
.border{ border-color:#7288E4 }
```

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

Here you see how a box with a 4 pixel #7288E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7288E4; -webkit-box-shadow:4px 4px  
4px 4px #7288E4; box-shadow:4px 4px 4px  
4px #7288E4 }
```

# Background

The CSS property to change the background color of an element to Hex 7288E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7288E4 }
```

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

```
.background{ background-color:#7288E4 }
```

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