

# Converting Colors

Hex(7329E8)

Have a look what the booklet for  
Hex(7329E8) contains.

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**Color**

**Hex(7329E8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7329E8
RGB	115, 41, 232
RGB Percent	45%, 16%, 91%
CMY	0.5490, 0.8392, 0.0902
CMYK	0.50, 0.82, 0.00, 0.09
HSL	263°, 81%, 54%
HSV	263°, 82%, 91%
XYZ	22.4287, 11.0569, 77.2960
YIQ	84.9000, -17.2070, 75.0890

# Conversions

## Conversions Part 2

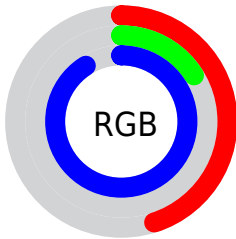
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 41, 232
Decimal	7547368
CIE <sub>Lab</sub>	39.68, 68.99, -82.42
CIE <sub>LCh</sub>	40, 107.486, 309.932
Yxy	11.0569, 0.2025, 0.0998
Android (android.graphics.Color)	4285737448 (0xFF7329E8)
YUV	84.9000, 72.5203, 26.3977
Hunter-Lab	33.2519, 62.2086, -114.5466

# Details

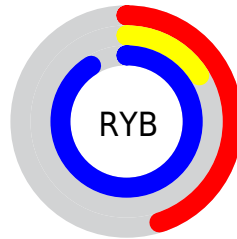
The Hex color **7329E8** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **9EE829**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **B161FF**, and **2C00AF** is the 20% darker color. If you saturate the color by 10%, you get **6512E8**, and if you desaturate by 10%, it is **8140E8**.

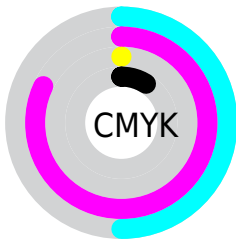
# Distribution



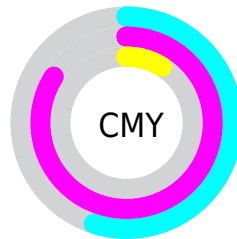
- Red (45%)
- Green (16%)
- Blue (91%)



- Red (45%)
- Yellow (16%)
- Blue (91%)



- Cyan (50%)
- Magenta (82%)
- Yellow (0%)
- Black (9%)



- Cyan (55%)
- Magenta (84%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7329E8 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 7329E8 by changing the saturation by 10% instead.



 7329E8

 7329E8

FFFFFF

 5200CB

 B161FF

 2C00AF

 D07DFF

 000093

 EE98FF

 000079

 FFB5FF

 00005E

 FFD1FF

 000846

 FFEEFF

 00042E

 000119

 000000

 7329E8

 7329E8

 6512E8

 8140E8

 5A00E8

 8F57E8

 9E6FE8

 AC86E8

 BA9DE8

 C8B4E8

 D6CBE8

 E5E3E8

 F3FAE8

# Harmonies

## Analogous

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



0064FF



7329E8



D2009C

# Triad

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



7329E8



A04000



007B7A

# Complementary

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



7329E8



9EE829

# 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.



007817



7329E8



586400

# Square

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



7329E8



D40000



007300



007DCF

# Rectangle

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



7329E8



E80062



007300



007A5B



# Sweetspot

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



7329E8



D8BFFF



299FE8



685980



000000



808080



# Same Dimension

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



7329E8



6403FF



D229E8



6C6773



4500B3



140033



# Inverse Universe

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



E8299E



FF039D



3FE829



73676E



B3006D

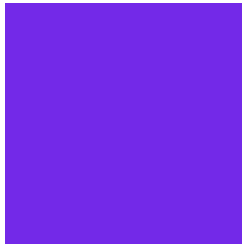


33001F



# Previews

## White Background



This preview shows how the Hex color 7329E8 looks on a white background.

## Color Contrast Check

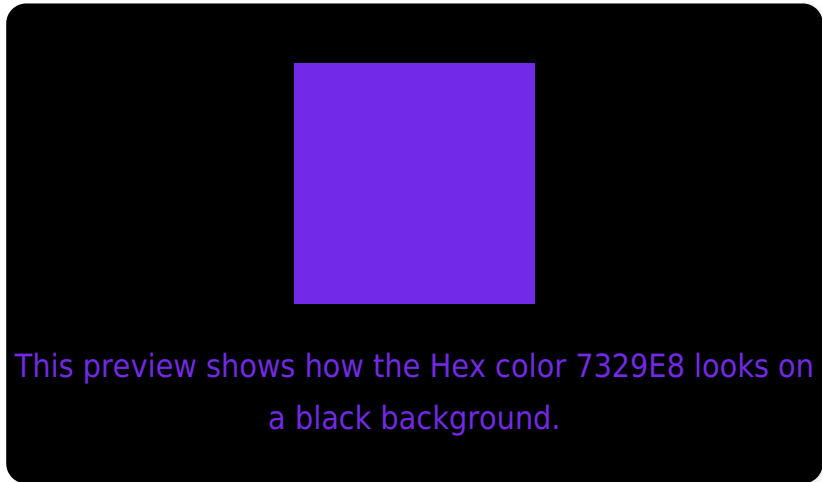
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

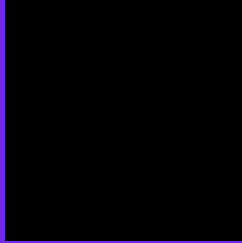
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7329E8 Background



This preview shows how black text looks on a background with the Hex color 7329E8.

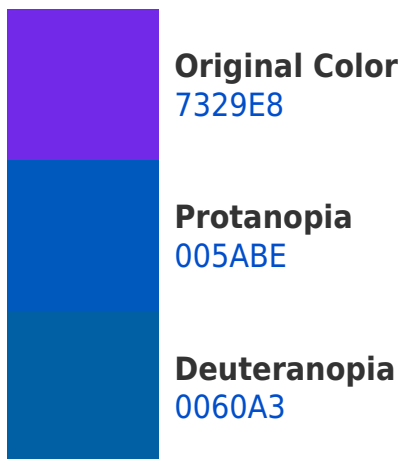


This preview shows how white text looks on a background with the Hex color 7329E8.

# 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**  
4E6068

# Trichromacy



**Original Color**

7329E8



**Protanomaly**

2A48CD



**Deuteranomaly**

2A4CBC



**Tritanomaly**

5B4C97

# Monochromacy



**Original Color**

7329E8



**Achromatopsia**

555555



**Achromatomaly**

60458A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7329E8 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 #7329E8 looks like.

```
.text, #text, p{  
    color:#7329E8  
}
```

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 #7329E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7329E8
}
```

## Border

The CSS property to change the border of an element to Hex 7329E8 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
#7329E8 }
```

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

```
.border{ border-color:#7329E8 }
```

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

Here you see how a box with a 4 pixel #7329E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7329E8; -webkit-box-shadow:4px 4px  
4px 4px #7329E8; box-shadow:4px 4px 4px  
4px #7329E8 }
```

# Background

The CSS property to change the background color of an element to Hex 7329E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7329E8 }
```

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

```
.background{ background-color:#7329E8 }
```

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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