

# Converting Colors

Hex(7320E3)

Have a look what the booklet for  
Hex(7320E3) contains.

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**Color**

**Hex(7320E3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7320E3
RGB	115, 32, 227
RGB Percent	45%, 13%, 89%
CMY	0.5490, 0.8745, 0.1098
CMYK	0.49, 0.86, 0.00, 0.11
HSL	266°, 78%, 51%
HSV	266°, 86%, 89%
XYZ	21.4519, 10.2239, 73.5158
YIQ	79.0470, -13.1270, 78.2410

# Conversions

## Conversions Part 2

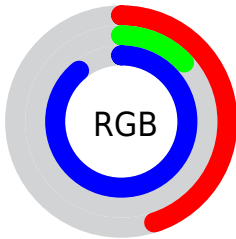
Format	Color
R <sub>Y</sub> B	115, 32, 227
Decimal	7545059
CIE Lab	38.24, 70.63, -81.94
CIE LCh	38, 108.174, 310.759
Yxy	10.2239, 0.2039, 0.0972
Android (android.graphics.Color)	4285735139 (0xFF7320E3)
YUV	79.0470, 72.9408, 31.5308
Hunter-Lab	31.9749, 63.7993, -113.9358

# Details

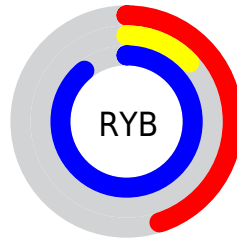
The Hex color **7320E3** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **90E320**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B15BFF**, and **2D00AA** is the 20% darker color. If you saturate the color by 10%, you get **6609E3**, and if you desaturate by 10%, it is **8037E3**.

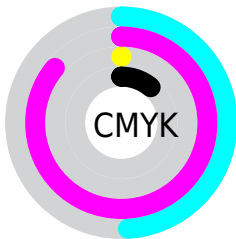
# Distribution



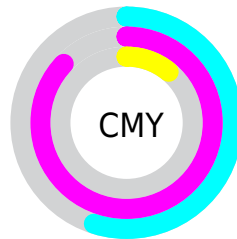
- Red (45%)
- Green (13%)
- Blue (89%)



- Red (45%)
- Yellow (13%)
- Blue (89%)



- Cyan (49%)
- Magenta (86%)
- Yellow (0%)
- Black (11%)



- Cyan (55%)
- Magenta (87%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7320E3 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 7320E3 by changing the saturation by 10% instead.



 7320E3

 7320E3

FFFFFF

 5300C6

 B15BFF

 2D00AA

 CF77FF

 00008F

 EE92FF

 000074

 FFAFFF

 00005A

 FFCBFF

 000742

 FFE8FF

 00032A

 000115

 000000

■ 7320E3

■ 7320E3

■ 6609E3

■ 8037E3

■ 6100E3

■ 8D4DE3

■ 9A64E3

■ A77BE3

■ B492E3

■ C1A8E3

■ CEBFE3

■ DBD6E3

■ E8ECE3

# Harmonies

## Analogous

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



0060FF



7320E3



D00096

# Triad

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



7320E3



9A3E00



007779

# Complementary

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



7320E3



90E320

# 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.



007416



7320E3



516100

# Square

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



7320E3



CE0000



006F00



0079CE

# Rectangle

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



7320E3



E4005D



006F00



00765A



# Sweetspot

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



7320E3



D9BDFE



2092E3



695880



000000



808080



# Same Dimension

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



7320E3



6D00FF



D320E3



6C6773



4C00B3



160033



# Inverse Universe

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



E32090



FF0092



30E320



73676E



B30067

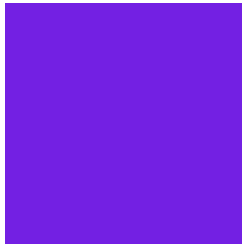


33001D



# Previews

## White Background



This preview shows how the Hex color 7320E3 looks on a white background.

## Color Contrast Check

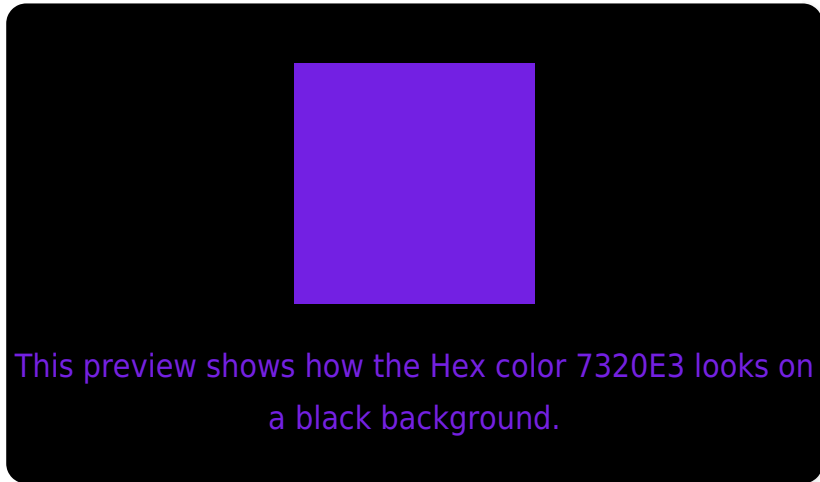
Large Text (above 18pt) WCAG AA ✓ Pass

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

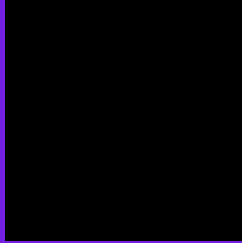
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7320E3 Background



This preview shows how black text looks on a background with the Hex color 7320E3.

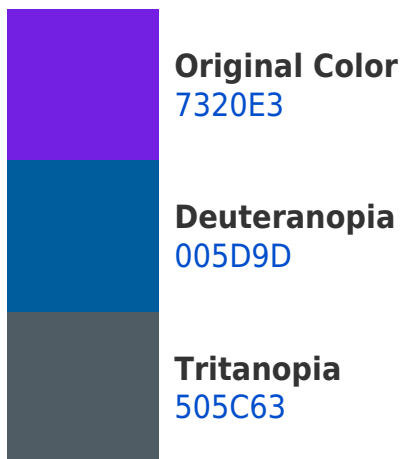


This preview shows how white text looks on a background with the Hex color 7320E3.

# 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



# Trichromacy



**Original Color**  
7320E3

**Deuteranomaly**  
2A47B6

**Tritanomaly**  
5D4692

# Monochromacy



**Original Color**  
7320E3

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
5C3E85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7320E3 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 #7320E3 looks like.

```
.text, #text, p{  
    color:#7320E3  
}
```

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 #7320E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7320E3
}
```

## Border

The CSS property to change the border of an element to Hex 7320E3 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".

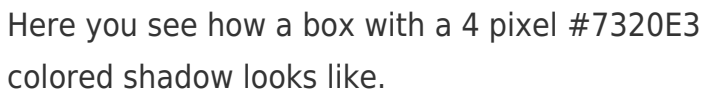
```
.border, #border, table{ border:4px solid
#7320E3 }
```

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

```
.border{ border-color:#7320E3 }
```

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

Here you see how a box with a 4 pixel #7320E3 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7320E3; -webkit-box-shadow:4px 4px  
4px 4px #7320E3; box-shadow:4px 4px 4px  
4px #7320E3 }
```

# Background

The CSS property to change the background color of an element to Hex 7320E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7320E3 }
```

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

```
.background{ background-color:#7320E3 }
```

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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