

Converting Colors

Hex(3200E0)

Have a look what the booklet for
Hex(3200E0) contains.

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Color

Hex(3200E0)

Conversions

Conversions Part 1

Format	Color
Hex	3200E0
RGB	50, 0, 224
RGB Percent	20%, 0%, 88%
CMY	0.8039, 1.0000, 0.1216
CMYK	0.78, 1.00, 0.00, 0.12
HSL	253°, 100%, 44%
HSV	253°, 100%, 88%
XYZ	14.7699, 6.0599, 70.9122
YIQ	40.4860, -42.1040, 80.2640

Conversions

Conversions Part 2

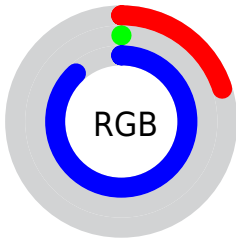
Format	Color
RYB	50, 0, 224
Decimal	3277024
CIELab	29.56, 72.42, -94.80
CIELCh	30, 119.299, 307.376
Yxy	6.0599, 0.1610, 0.0661
Android (android.graphics.Color)	4281467104 (0xFF3200E0)
YUV	40.4860, 90.4724, 8.3438
Hunter-Lab	24.6169, 64.0188, -153.5607

Details

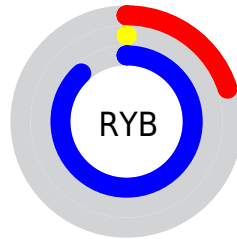
The Hex color **3200E0** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **AEE000**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8045FF**, and **0000A7** is the 20% darker color. If you saturate the color by 10%, you get **3200E0**, and if you desaturate by 10%, it is **4316E0**.

Distribution



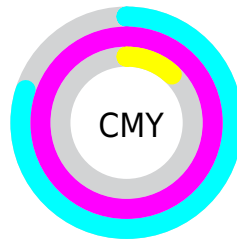
- Red (20%)
- Green (0%)
- Blue (88%)



- Red (20%)
- Yellow (0%)
- Blue (88%)



- Cyan (78%)
- Magenta (100%)
- Yellow (0%)
- Black (12%)



- Cyan (80%)
- Magenta (100%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3200E0 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 3200E0 by changing the saturation by 10% instead.

 3200E0

 3200E0

FFFFFF

 0000C3


 8045FF

 0000A7

 A160FF

 00008B

 C17CFF

 000071

 E197FF

 000C57


 FF33FF

 00063F

 FFD0FF

 000328

 FFEDFF

 000111

 000000

 3200E0

 4316E0

 552DE0

 6643E0

 785AE0

 8970E0

 9A86E0

 AC9DE0

 BDB3E0

 CFCAE0

Harmonies

Analogous

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



0053FF



3200E0



B90090

Triad

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



3200E0



8B1800



00605C

Complementary

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



3200E0



AEE000

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.



005D00



3200E0



414B00

Square

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



3200E0



BE0000



005900



0063B9

Rectangle

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



3200E0



D10053



005900



005F3B

Sweetspot

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



3200E0



C4B3FF



00AFE0



5C5280



000000



808080

Same Dimension

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



3200E0



3900FF



A100E0



676570



2700B0



0B0030

Inverse Universe

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



E000AE



FF00C6



3FE000



70656E



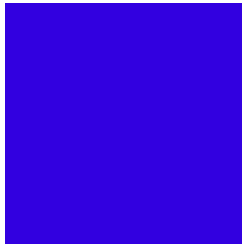
B00089



300026

Previews

White Background



This preview shows how the Hex color 3200E0 looks on a white background.

Color Contrast Check

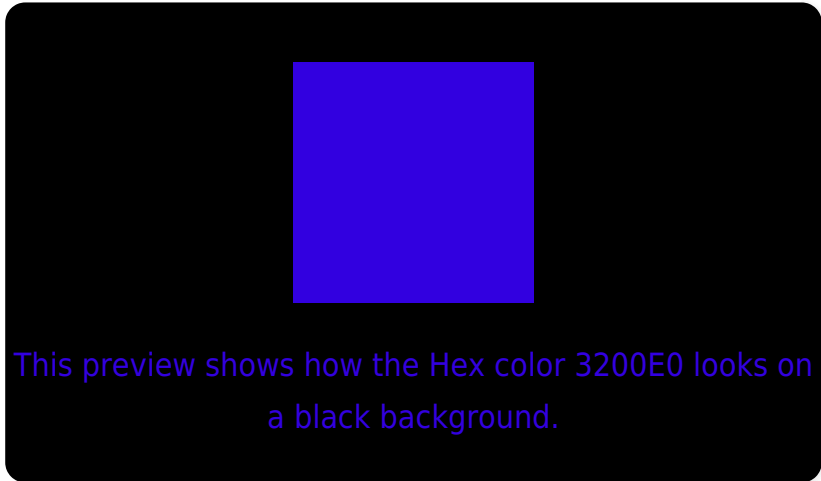
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

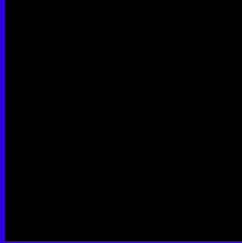
Any Text WCAG AA × Fail

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 3200E0 Background



This preview shows how black text looks on a background with the Hex color 3200E0.



This preview shows how white text looks on a background with the Hex color 3200E0.

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
3200E0

Protanopia
004590

Deuteranopia
00497A



Tritanopia
004F53

Trichromacy



Original Color
3200E0

Protanomaly
122CAD

Deuteranomaly
122E9F

Tritanomaly
123286

Monochromacy



Original Color
3200E0

Achromatopsia
282828

Achromatomaly
2C196B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3200E0 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 #3200E0 looks like.

```
.text, #text, p{  
    color:#3200E0  
}
```

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 #3200E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3200E0
}
```

Border

The CSS property to change the border of an element to Hex 3200E0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

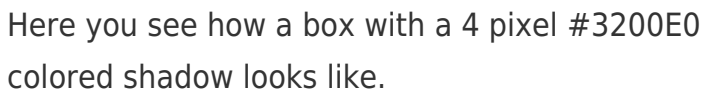
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3200E0 }
```

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

```
.border{ border-color:#3200E0 }
```

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



Here you see how a box with a 4 pixel #3200E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3200E0; -webkit-box-shadow:4px 4px  
4px 4px #3200E0; box-shadow:4px 4px 4px  
4px #3200E0 }
```

Background

The CSS property to change the background color of an element to Hex 3200E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3200E0 }
```

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

```
.background{ background-color:#3200E0 }
```

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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