

Converting Colors

Hex(3C0DE4)

Have a look what the booklet for
Hex(3C0DE4) contains.

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Color

Hex(3C0DE4)

Conversions

Conversions Part 1

Format	Color
Hex	3C0DE4
RGB	60, 13, 228
RGB Percent	24%, 5%, 89%
CMY	0.7647, 0.9490, 0.1059
CMYK	0.74, 0.94, 0.00, 0.11
HSL	253°, 89%, 47%
HSV	253°, 94%, 89%
XYZ	16.0110, 6.8499, 73.8771
YIQ	51.5630, -41.0030, 76.8290

Conversions

Conversions Part 2

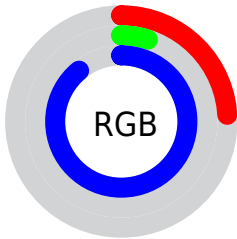
Format	Color
R_{YB}	60, 13, 228
Decimal	3935716
CIE _{Lab}	31.46, 71.56, -93.91
CIE _{LCh}	31, 118.068, 307.307
Yxy	6.8499, 0.1655, 0.0708
Android (android.graphics.Color)	4282125796 (0xFF3C0DE4)
YUV	51.5630, 86.9834, 7.3992
Hunter-Lab	26.1724, 63.3959, -149.0378

Details

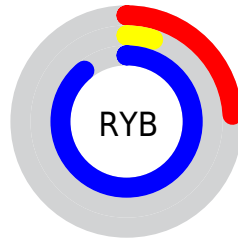
The Hex color **3C0DE4** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **B5E40D**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **864BFF**, and **0000AB** is the 20% darker color. If you saturate the color by 10%, you get **3200E4**, and if you desaturate by 10%, it is **4E24E4**.

Distribution



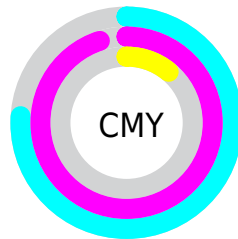
- Red (24%)
- Green (5%)
- Blue (89%)



- Red (24%)
- Yellow (5%)
- Blue (89%)



- Cyan (74%)
- Magenta (94%)
- Yellow (0%)
- Black (11%)



- Cyan (76%)
- Magenta (95%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C0DE4 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 3C0DE4 by changing the saturation by 10% instead.

 3C0DE4

 3C0DE4

FFFFFF

 0000C7

 864BFF

 0000AB

 A766FF

 00008F

 C782FF

 000074

 E79DFF

 000D5A

 FFB9FF

 000742

 FFD6FF

 00032B

 FFF3FF

 000115

 000000

■ 3C0DE4

■ 3C0DE4

■ 3200E4

■ 4E24E4

■ 603BE4

■ 7151E4

■ 8368E4

■ 957FE4

■ A796E4

■ B9ADE4

■ CBC3E4

■ DCDAE4

Harmonies

Analogous

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



0057FF



3C0DE4



BE0094

Triad

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



3C0DE4



901E00



006560

Complementary

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



3C0DE4



B5E40D

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.



006200



3C0DE4



474F00

Square

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



3C0DE4



C40000



005E00



0068BC

Rectangle

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



3C0DE4



D70057



005E00



00643F

Sweetspot

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



3C0DE4



C7B8FF



0DB5E4



5E5480



000000



808080

Same Dimension

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



3C0DE4



3800FF



A70DE4



6A6773



2700B3



0B0033

Inverse Universe

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



E40DB5



FF00C7



4AE40D



736770



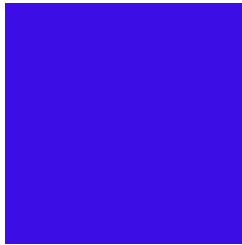
B3008B



330028

Previews

White Background



This preview shows how the Hex color 3C0DE4 looks on a white background.

Color Contrast Check

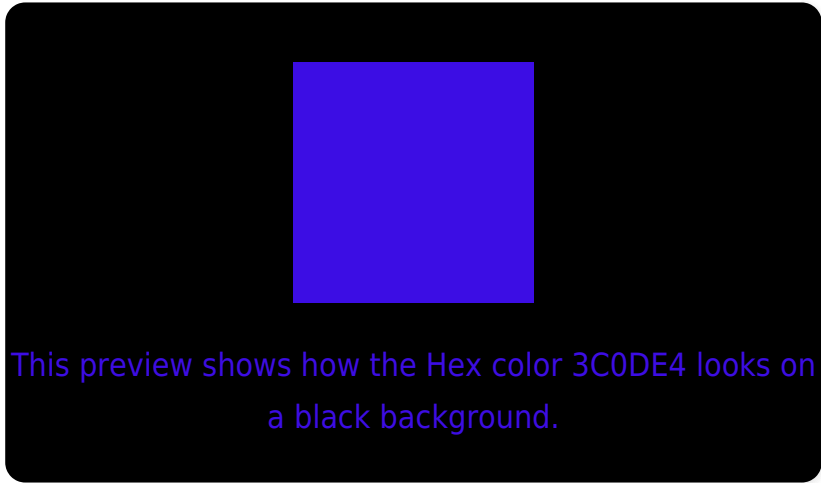
Large Text (above 18pt) WCAG AA ✓ Pass

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

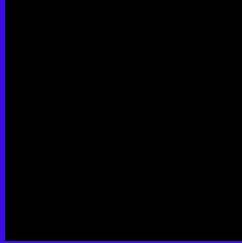
Any Text WCAG AA × Fail

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 3C0DE4 Background



This preview shows how black text looks on a background with the Hex color 3C0DE4.



This preview shows how white text looks on a background with the Hex color 3C0DE4.

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
3C0DE4

Protanopia
004897

Deuteranopia
004D80

Trichromacy



Original Color
3C0DE4

Protanomaly
1633B3

Deuteranomaly
1636A4

Tritanomaly
163A8A

Monochromacy



Original Color
3C0DE4

Achromatopsia
343434

Achromatomaly
372674

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C0DE4 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 #3C0DE4 looks like.

```
.text, #text, p{  
    color:#3C0DE4  
}
```

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 #3C0DE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C0DE4
}
```

Border

The CSS property to change the border of an element to Hex 3C0DE4 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
#3C0DE4 }
```

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

```
.border{ border-color:#3C0DE4 }
```

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

Here you see how a box with a 4 pixel #3C0DE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C0DE4; -webkit-box-shadow:4px 4px  
4px 4px #3C0DE4; box-shadow:4px 4px 4px  
4px #3C0DE4 }
```

Background

The CSS property to change the background color of an element to Hex 3C0DE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C0DE4 }
```

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

```
.background{ background-color:#3C0DE4 }
```

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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