

Converting Colors

Hex(3C0EA1)

Have a look what the booklet for
Hex(3C0EA1) contains.

Hex(3C0EA1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C0EA1)

Conversions

Conversions Part 1

Format	Color
Hex	3C0EA1
RGB	60, 14, 161
RGB Percent	24%, 5%, 63%
CMY	0.7647, 0.9451, 0.3686
CMYK	0.63, 0.91, 0.00, 0.37
HSL	259°, 84%, 34%
HSV	259°, 91%, 63%
XYZ	8.4535, 3.8479, 34.0154
YIQ	44.5120, -19.7710, 55.4690

Conversions

Conversions Part 2

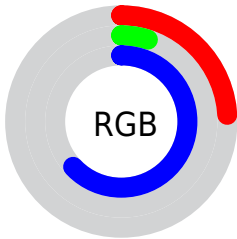
Format	Color
R_{YB}	60, 14, 161
Decimal	3935905
CIE _{Lab}	23.16, 54.38, -68.19
CIE _{LCh}	23, 87.218, 308.576
Yxy	3.8479, 0.1825, 0.0831
Android (android.graphics.Color)	4282125985 (0xFF3C0EA1)
YUV	44.5120, 57.4286, 13.5830
Hunter-Lab	19.6162, 42.5958, -89.0804

Details

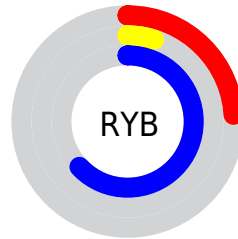
The Hex color **3C0EA1** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **73A10E**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7944D9**, and **00006C** is the 20% darker color. If you saturate the color by 10%, you get **3200A1**, and if you desaturate by 10%, it is **471EA1**.

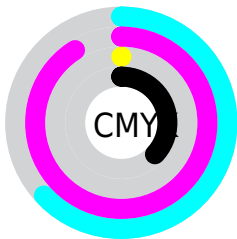
Distribution



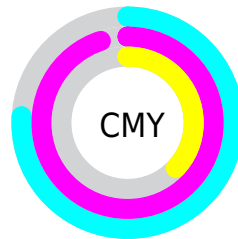
- Red (24%)
- Green (5%)
- Blue (63%)



- Red (24%)
- Yellow (5%)
- Blue (63%)



- Cyan (63%)
- Magenta (91%)
- Yellow (0%)
- Black (37%)



- Cyan (76%)
- Magenta (95%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C0EA1 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 3C0EA1 by changing the saturation by 10% instead.



3C0EA1



3C0EA1

FFFFFF



130086



7944D9



00006C



965EF6



000053



B478FF



00063A



D193FF



000224



F0AEFF



00000B



FFCAFF



000000



FFE7FF



3C0EA1



3C0EA1

■ 3200A1

■ 471EA1

■ 522EA1

■ 5D3EA1

■ 684EA1

■ 735FA1

■ 7E6FA1

■ 897FA1

■ 948FA1

■ A09FA1

Harmonies

Analogous

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



003EBE



3C0EA1



8B0069

Triad

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



3C0EA1



691E00



004C49

Complementary

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



3C0EA1



73A10E

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.



004A00



3C0EA1



343B00

Square

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



3C0EA1



8E0000



004600



004D8A

Rectangle

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



3C0EA1



9C003E



004600



004B32

Sweetspot

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



3C0EA1



AA99D1



0E75A1



524769



E8E8E8



696969

Same Dimension

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



3C0EA1



4100D1



840EA1



4C4952



2D0091



060012

Inverse Universe

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



A10E73



D10090



2BA10E



52494F



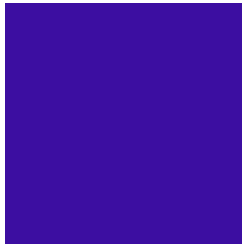
910064



12000C

Previews

White Background



This preview shows how the Hex color 3C0EA1 looks on a white background.

Color Contrast Check

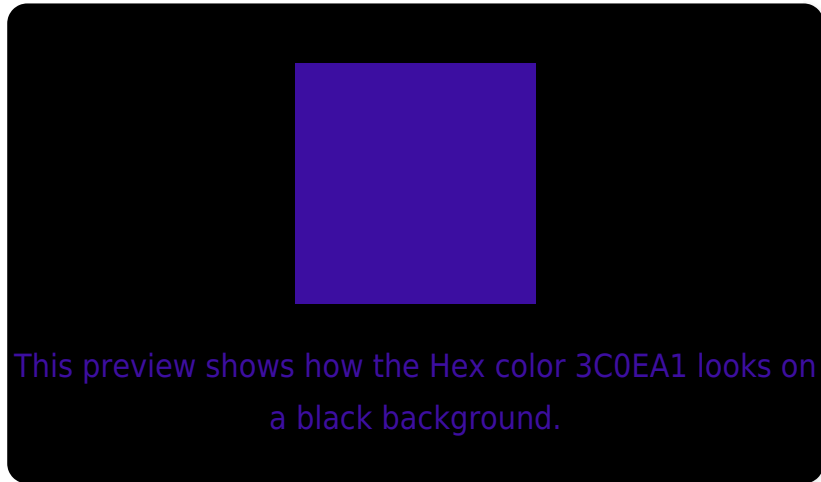
Large Text (above 18pt) WCAG AA ✓ Pass

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

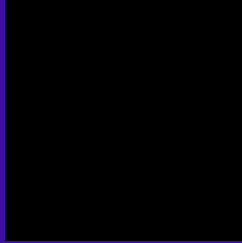
Any Text WCAG AA × Fail

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 3C0EA1 Background



This preview shows how black text looks on a background with the Hex color 3C0EA1.



This preview shows how white text looks on a background with the Hex color 3C0EA1.

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
3C0EA1

Protanopia
003773

Deuteranopia
003A62



Tritanopia
003F44

Trichromacy



Original Color
3C0EA1

Protanomaly
162884

Deuteranomaly
162A79

Tritanomaly
162D66

Monochromacy



Original Color
3C0EA1

Achromatopsia
2D2D2D

Achromatomaly
322257

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C0EA1 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 #3C0EA1 looks like.

```
.text, #text, p{  
    color:#3C0EA1  
}
```

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 #3C0EA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C0EA1
}
```

Border

The CSS property to change the border of an element to Hex 3C0EA1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

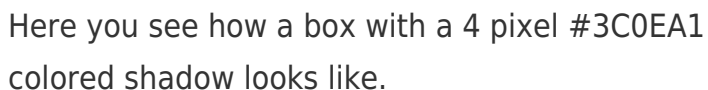
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C0EA1 }
```

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

```
.border{ border-color:#3C0EA1 }
```

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



Here you see how a box with a 4 pixel #3C0EA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C0EA1; -webkit-box-shadow:4px 4px  
4px 4px #3C0EA1; box-shadow:4px 4px 4px  
4px #3C0EA1 }
```

Background

The CSS property to change the background color of an element to Hex 3C0EA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C0EA1 }
```

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

```
.background{ background-color:#3C0EA1 }
```

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