

Converting Colors

Hex(3E1CA1)

Have a look what the booklet for
Hex(3E1CA1) contains.

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Color

Hex(3E1CA1)

Conversions

Conversions Part 1

Format	Color
Hex	3E1CA1
RGB	62, 28, 161
RGB Percent	24%, 11%, 63%
CMY	0.7569, 0.8902, 0.3686
CMYK	0.61, 0.83, 0.00, 0.37
HSL	255°, 70%, 37%
HSV	255°, 83%, 63%
XYZ	8.8349, 4.4278, 34.1072
YIQ	53.3280, -22.4290, 48.5710

Conversions

Conversions Part 2

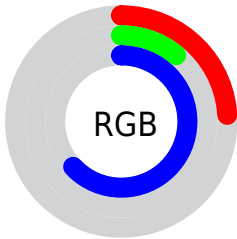
Format	Color
R_{YB}	62, 28, 161
Decimal	4070561
CIE _{Lab}	25.04, 49.61, -65.07
CIE _{LCh}	25, 81.824, 307.318
Yxy	4.4278, 0.1865, 0.0935
Android (android.graphics.Color)	4282260641 (0xFF3E1CA1)
YUV	53.3280, 53.0823, 7.6053
Hunter-Lab	21.0425, 38.1207, -81.3720

Details

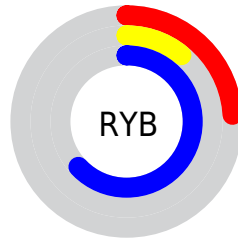
The Hex color **3E1CA1** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **7FA11C**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **7A4ED9**, and **00006C** is the 20% darker color. If you saturate the color by 10%, you get **320CA1**, and if you desaturate by 10%, it is **4A2CA1**.

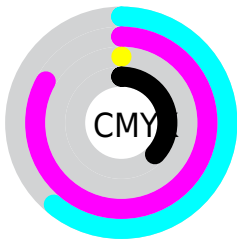
Distribution



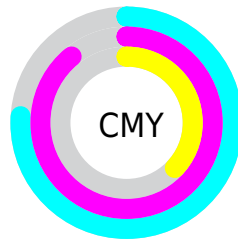
- Red (24%)
- Green (11%)
- Blue (63%)



- Red (24%)
- Yellow (11%)
- Blue (63%)



- Cyan (61%)
- Magenta (83%)
- Yellow (0%)
- Black (37%)



- Cyan (76%)
- Magenta (89%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E1CA1 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 3E1CA1 by changing the saturation by 10% instead.

 3E1CA1

 3E1CA1

FFFFFF

 180086

 7A4ED9

 00006C

 9767F6

 000053

 B481FF

 00063A

 D29CFF

 000224

 F0B7FF

 00000C

 FFD3FF

 000000

 FFF0FF

 3E1CA1

 3E1CA1

■ 320CA1

■ 4A2CA1

■ 2900A1

■ 563CA1

■ 624CA1

■ 6E5CA1

■ 7A6DA1

■ 867DA1

■ 928DA1

■ 9E9DA1

■ AAADA1

Harmonies

Analogous

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



0042BB



3E1CA1



8A006D

Triad

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



3E1CA1



6E2200



00504A

Complementary

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



3E1CA1



7FA11C

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.



004E00



3E1CA1



3C3F00

Square

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



3E1CA1



900000



004A00



005187

Rectangle

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



3E1CA1



9B0044



004A00



004F34

Sweetspot

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



3E1CA1



AA9DD1



1C80A1



514969



E8E8E8



696969

Same Dimension

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



3E1CA1



3702D1



801CA1



4C4952



250091



050012

Inverse Universe

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



A11C7F



D1029C



3DA11C



524950



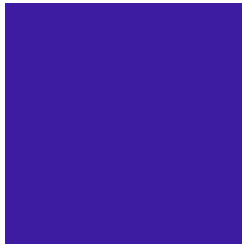
91006C



12000D

Previews

White Background



This preview shows how the Hex color 3E1CA1 looks on a white background.

Color Contrast Check

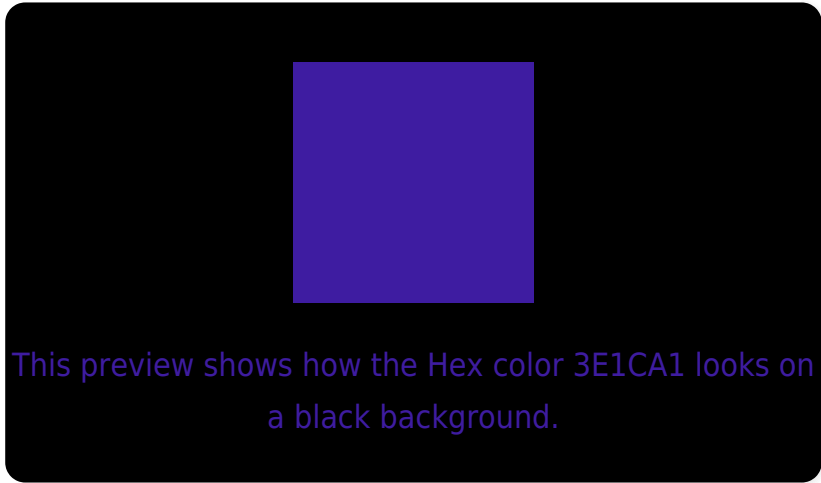
Large Text (above 18pt) WCAG AA ✓ Pass

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

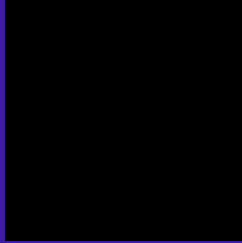
Any Text WCAG AA × Fail

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 3E1CA1 Background



This preview shows how black text looks on a background with the Hex color 3E1CA1.



This preview shows how white text looks on a background with the Hex color 3E1CA1.

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
3E1CA1

Protanopia
003A7A

Deuteranopia
003E68

Trichromacy



Original Color
3E1CA1

Protanomaly
172F88

Deuteranomaly
17327D

Tritanomaly
1C3568

Monochromacy



Original Color
3E1CA1

Achromatopsia
353535

Achromatomaly
382C5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E1CA1 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 #3E1CA1 looks like.

```
.text, #text, p{  
    color:#3E1CA1  
}
```

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 #3E1CA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E1CA1
}
```

Border

The CSS property to change the border of an element to Hex 3E1CA1 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
#3E1CA1 }
```

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

```
.border{ border-color:#3E1CA1 }
```

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

Here you see how a box with a 4 pixel #3E1CA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E1CA1; -webkit-box-shadow:4px 4px  
4px 4px #3E1CA1; box-shadow:4px 4px 4px  
4px #3E1CA1 }
```

Background

The CSS property to change the background color of an element to Hex 3E1CA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E1CA1 }
```

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

```
.background{ background-color:#3E1CA1 }
```

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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