

Converting Colors

Hex(3E1CE4)

Have a look what the booklet for
Hex(3E1CE4) contains.

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Color

Hex(3E1CE4)

Conversions

Conversions Part 1

Format	Color
Hex	3E1CE4
RGB	62, 28, 228
RGB Percent	24%, 11%, 89%
CMY	0.7569, 0.8902, 0.1059
CMYK	0.73, 0.88, 0.00, 0.11
HSL	250°, 79%, 50%
HSV	250°, 88%, 89%
XYZ	16.4055, 7.4561, 73.9733
YIQ	60.9660, -43.9360, 69.4080

Conversions

Conversions Part 2

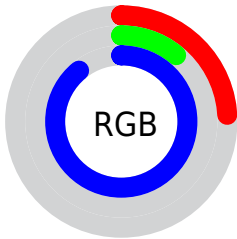
Format	Color
RYB	62, 28, 228
Decimal	4070628
CIELab	32.82, 67.94, -91.64
CIELCh	33, 114.082, 306.554
Yxy	7.4561, 0.1677, 0.0762
Android (android.graphics.Color)	4282260708 (0xFF3E1CE4)
YUV	60.9660, 82.3478, 0.9068
Hunter-Lab	27.3058, 59.4584, -141.5065

Details

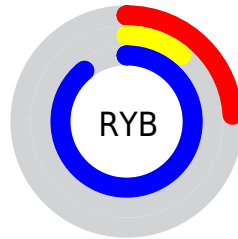
The Hex color **3E1CE4** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **C2E41C**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **8753FF**, and **0000AB** is the 20% darker color. If you saturate the color by 10%, you get **2B05E4**, and if you desaturate by 10%, it is **5133E4**.

Distribution



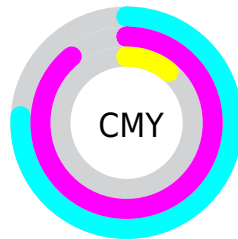
- Red (24%)
- Green (11%)
- Blue (89%)



- Red (24%)
- Yellow (11%)
- Blue (89%)



- Cyan (73%)
- Magenta (88%)
- Yellow (0%)
- Black (11%)



- Cyan (76%)
- Magenta (89%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E1CE4 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 3E1CE4 by changing the saturation by 10% instead.

■ 3E1CE4

■ 3E1CE4

FFFFFF

■ 0000C7

■ 8753FF

■ 0000AB

■ A76EFF

■ 00008F

■ C789FF

■ 000074

■ E7A5FF

■ 000D5B

■ FFC1FF

■ 000742

■ FFDDFF

■ 00032B

■ FFFBFF

■ 000115

■ 000000

■ 3E1CE4

■ 3E1CE4

■ 2B05E4

■ 5133E4

■ 2700E4

■ 644AE4

■ 7760E4

■ 8A77E4

■ 9D8EE4

■ B0A5E4

■ C2BCE4

■ D5D2E4

■ E8E9E4

Harmonies

Analogous

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



005AFF



3E1CE4



BD0097

Triad

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



3E1CE4



942300



006860

Complementary

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



3E1CE4



C2E41C

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.



006500



3E1CE4



4D5100

Square

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



3E1CE4



C60000



006100



006BBA

Rectangle

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



3E1CE4



D6005C



006100



006740

Sweetspot

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



3E1CE4



C8BDFE



1CC3E4



5F5880



000000



808080

Same Dimension

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



3E1CE4



2B00FF



A11CE4



696773



1E00B3



090033

Inverse Universe

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



E41CC2



FF00D4



5FE41C



736771



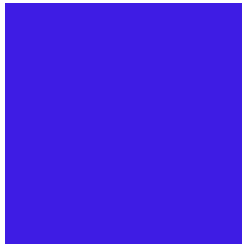
B30094



33002A

Previews

White Background



This preview shows how the Hex color 3E1CE4 looks on a white background.

Color Contrast Check

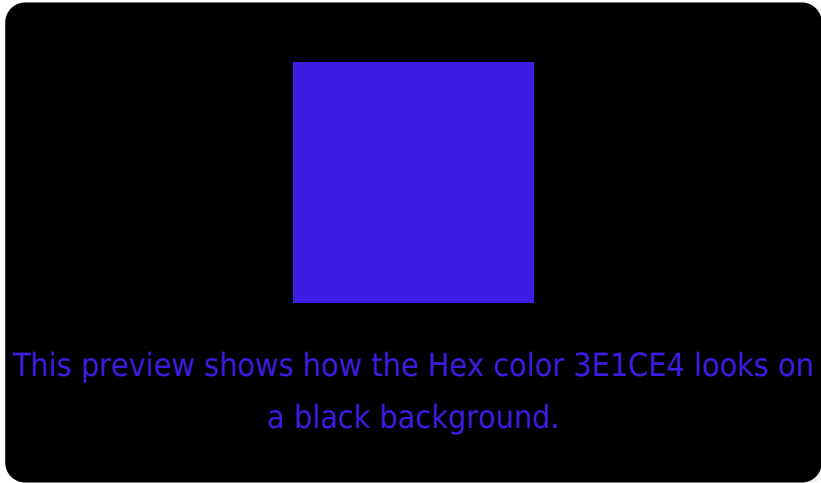
Large Text (above 18pt) WCAG AA ✓ Pass

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

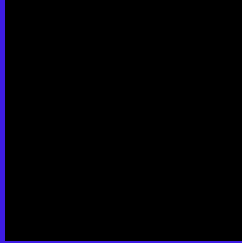
Any Text WCAG AA × Fail

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 3E1CE4 Background



This preview shows how black text looks on a background with the Hex color 3E1CE4.



This preview shows how white text looks on a background with the Hex color 3E1CE4.

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
3E1CE4

Protanopia
004A9C

Deuteranopia
004F85

Trichromacy



Original Color
3E1CE4

Protanomaly
1739B6

Deuteranomaly
173CA8

Tritanomaly
17418C

Monochromacy



Original Color
3E1CE4

Achromatopsia
3D3D3D

Achromatomaly
3D317A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E1CE4 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 #3E1CE4 looks like.

```
.text, #text, p{  
    color:#3E1CE4  
}
```

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 #3E1CE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E1CE4
}
```

Border

The CSS property to change the border of an element to Hex 3E1CE4 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
#3E1CE4 }
```

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

```
.border{ border-color:#3E1CE4 }
```

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

Here you see how a box with a 4 pixel #3E1CE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E1CE4; -webkit-box-shadow:4px 4px  
4px 4px #3E1CE4; box-shadow:4px 4px 4px  
4px #3E1CE4 }
```

Background

The CSS property to change the background color of an element to Hex 3E1CE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E1CE4 }
```

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

```
.background{ background-color:#3E1CE4 }
```

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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