

Converting Colors

Hex(3E30A7)

Have a look what the booklet for
Hex(3E30A7) contains.

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Color

Hex(3E30A7)

Conversions

Conversions Part 1

Format	Color
Hex	3E30A7
RGB	62, 48, 167
RGB Percent	24%, 19%, 65%
CMY	0.7569, 0.8118, 0.3451
CMYK	0.63, 0.71, 0.00, 0.35
HSL	247°, 55%, 42%
HSV	247°, 71%, 65%
XYZ	10.0186, 5.9281, 37.1754
YIQ	65.7520, -29.8550, 39.9770

Conversions

Conversions Part 2

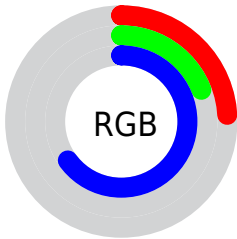
Format	Color
R _{YB}	62, 48, 167
Decimal	4075687
CIE Lab	29.23, 41.23, -61.80
CIE LCh	29, 74.294, 303.709
Yxy	5.9281, 0.1886, 0.1116
Android (android.graphics.Color)	4282265767 (0xFF3E30A7)
YUV	65.7520, 49.9153, -3.2905
Hunter-Lab	24.3476, 30.8413, -73.4843

Details

The Hex color **3E30A7** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **99A730**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **7A60DF**, and **000372** is the 20% darker color. If you saturate the color by 10%, you get **2F1FA7**, and if you desaturate by 10%, it is **4D41A7**.

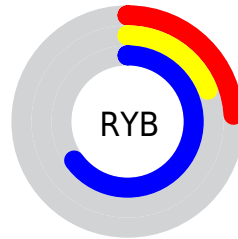
Distribution



Red (24%)

Green (19%)

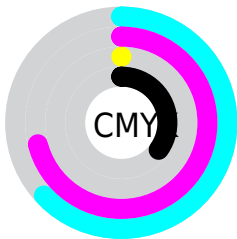
Blue (65%)



Red (24%)

Yellow (19%)

Blue (65%)

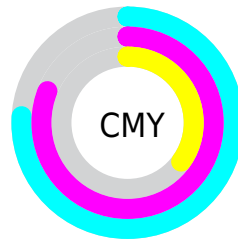


Cyan (63%)

Magenta (71%)

Yellow (0%)

Black (35%)



Cyan (76%)

Magenta (81%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E30A7 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 3E30A7 by changing the saturation by 10% instead.

■ 3E30A7

■ 3E30A7

FFFFFF

■ 19198C

■ 7A60DF

■ 000372

■ 9679FC

■ 000059

■ B493FF

■ 000740

■ D1AEFF

■ 000329

■ EFCAFF

■ 000113

■ FFE6FF

■ 000000

■ 3E30A7

■ 3E30A7

■ 2F1FA7

■ 4D41A7

■ 210FA7

■ 5B51A7

■ 1400A7

■ 6A62A7

■ 7973A7

■ 8884A7

■ 9694A7

■ A5A5A7

■ B4B6A7

■ C3C6A7

Harmonies

Analogous

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



004CBB



3E30A7



8B0079

Triad

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



3E30A7



7C2B00



005A4B

Complementary

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



3E30A7



99A730

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.



005707



3E30A7



4F4600

Square

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



3E30A7



9A0006



005200



005A85

Rectangle

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



3E30A7



9E0054



005200



005937

Sweetspot

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



3E30A7



B1ABD9



3099A7



5526E



EDEDED



6E6E6E

Same Dimension

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



3E30A7



341ED9



7930A7



4D4C54



110094



020014

Inverse Universe

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



A73099



D91EC3



5EA730



544C53



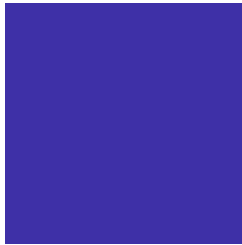
940083



140012

Previews

White Background



This preview shows how the Hex color 3E30A7 looks on a white background.

Color Contrast Check

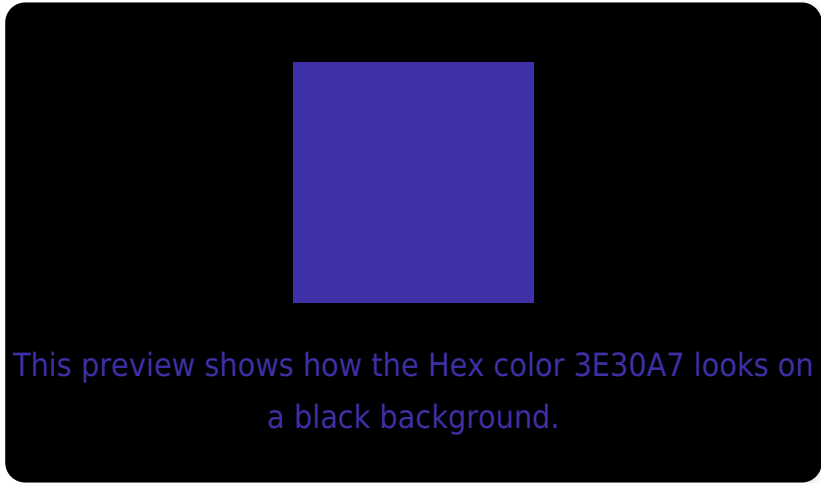
Large Text (above 18pt) WCAG AA ✓ Pass

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

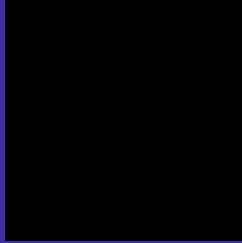
Any Text WCAG AA × Fail

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 3E30A7 Background



This preview shows how black text looks on a background with the Hex color 3E30A7.



This preview shows how white text looks on a background with the Hex color 3E30A7.

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
3E30A7

Protanopia
00438C

Deuteranopia
004778



Tritanopia
004C53

Trichromacy



Original Color
3E30A7

Protanomaly
173C96

Deuteranomaly
173F89

Tritanomaly
174272

Monochromacy



Original Color
3E30A7

Achromatopsia
424242

Achromatomaly
413B67

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E30A7 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 #3E30A7 looks like.

```
.text, #text, p{  
    color:#3E30A7  
}
```

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 #3E30A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E30A7
}
```

Border

The CSS property to change the border of an element to Hex 3E30A7 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
#3E30A7 }
```

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

```
.border{ border-color:#3E30A7 }
```

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

Here you see how a box with a 4 pixel #3E30A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E30A7; -webkit-box-shadow:4px 4px  
4px 4px #3E30A7; box-shadow:4px 4px 4px  
4px #3E30A7 }
```

Background

The CSS property to change the background color of an element to Hex 3E30A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E30A7 }
```

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

```
.background{ background-color:#3E30A7 }
```

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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