

# Converting Colors

Hex(3E22A4)

Have a look what the booklet for  
Hex(3E22A4) contains.

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# Color

Hex(3E22A4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E22A4
RGB	62, 34, 164
RGB Percent	24%, 13%, 64%
CMY	0.7569, 0.8667, 0.3569
CMYK	0.62, 0.79, 0.00, 0.36
HSL	253°, 66%, 39%
HSV	253°, 79%, 64%
XYZ	9.2595, 4.8485, 35.5698
YIQ	57.1920, -25.0420, 46.3660

# Conversions

## Conversions Part 2

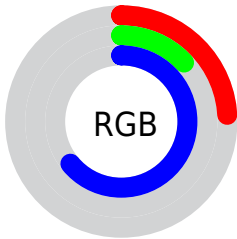
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 34, 164
Decimal	4072100
CIELab	26.30, 47.74, -64.81
CIElCh	26, 80.501, 306.376
Yxy	4.8485, 0.1864, 0.0976
Android (android.graphics.Color)	4282262180 (0xFF3E22A4)
YUV	57.1920, 52.6563, 4.2166
Hunter-Lab	22.0194, 36.5280, -80.3627

# Details

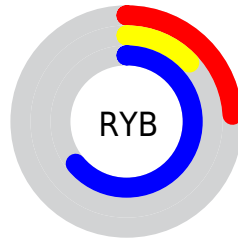
The Hex color **3E22A4** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **88A422**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **7A53DC**, and **00006F** is the 20% darker color. If you saturate the color by 10%, you get **3112A4**, and if you desaturate by 10%, it is **4B32A4**.

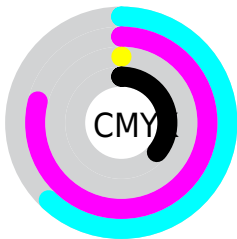
# Distribution



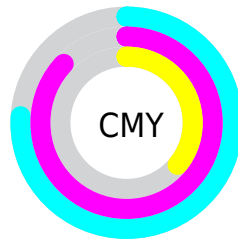
- Red (24%)
- Green (13%)
- Blue (64%)



- Red (24%)
- Yellow (13%)
- Blue (64%)



- Cyan (62%)
- Magenta (79%)
- Yellow (0%)
- Black (36%)



- Cyan (76%)
- Magenta (87%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E22A4 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 3E22A4 by changing the saturation by 10% instead.





3E22A4



3E22A4

FFFFFF



180789



7A53DC



00006F



976CF9



000056



B486FF



00063D



D2A1FF



000326



F0BDFF



00010F



FFD9FF



000000



FFF5FF



3E22A4



3E22A4

■ 3112A4

■ 4B32A4

■ 2401A4

■ 5843A4

■ 2300A4

■ 6553A4

■ 7164A4

■ 7E74A4

■ 8B84A4

■ 9895A4

■ A5A5A4

■ B2B6A4

# Harmonies

## Analogous

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



0045BD



3E22A4



8C0071

# Triad

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



3E22A4



722500



00534B

# Complementary

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



3E22A4



88A422

# 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.



005101



3E22A4



424100

# Square

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



3E22A4



940000



004C00



005487

# Rectangle

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



3E22A4



9E0049



004C00



005235



# Sweetspot

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



3E22A4



AEA3D6



228AA4



534C6B



EBEBEB



6B6B6B



# Same Dimension

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



3E22A4



370BD6



7D22A4



4B4952



1F0091



040012



# Inverse Universe

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



A42288



D60BAA



49A422



524950



910072

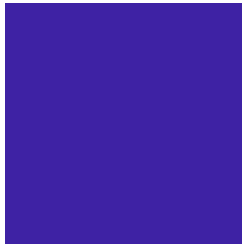


12000E



# Previews

## White Background



This preview shows how the Hex color 3E22A4 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

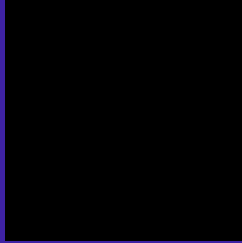
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E22A4 Background



This preview shows how black text looks on a background with the Hex color 3E22A4.



This preview shows how white text looks on a background with the Hex color 3E22A4.

# 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**  
3E22A4

**Protanopia**  
003D7F

**Deuteranopia**  
00416D



**Tritanopia**  
00454B

# Trichromacy



**Original Color**  
3E22A4

**Protanomaly**  
17338C

**Deuteranomaly**  
173681

**Tritanomaly**  
17386B

# Monochromacy



**Original Color**  
3E22A4

**Achromatopsia**  
393939

**Achromatomaly**  
3B3160

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E22A4 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 #3E22A4 looks like.

```
.text, #text, p{  
    color:#3E22A4  
}
```

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 #3E22A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E22A4
}
```

## Border

The CSS property to change the border of an element to Hex 3E22A4 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
#3E22A4 }
```

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

```
.border{ border-color:#3E22A4 }
```

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

Here you see how a box with a 4 pixel #3E22A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E22A4; -webkit-box-shadow:4px 4px  
4px 4px #3E22A4; box-shadow:4px 4px 4px  
4px #3E22A4 }
```

# Background

The CSS property to change the background color of an element to Hex 3E22A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E22A4 }
```

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

```
.background{ background-color:#3E22A4 }
```

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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