

Converting Colors

Hex(3E22B6)

Have a look what the booklet for
Hex(3E22B6) contains.

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Color

Hex(3E22B6)

Conversions

Conversions Part 1

Format	Color
Hex	3E22B6
RGB	62, 34, 182
RGB Percent	24%, 13%, 71%
CMY	0.7569, 0.8667, 0.2863
CMYK	0.66, 0.81, 0.00, 0.29
HSL	251°, 69%, 42%
HSV	251°, 81%, 71%
XYZ	11.0021, 5.5456, 44.7465
YIQ	59.2440, -30.8200, 51.9640

Conversions

Conversions Part 2

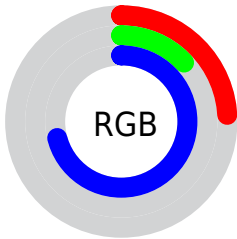
Format	Color
R_{YB}	62, 34, 182
Decimal	4072118
CIE _{Lab}	28.24, 53.01, -72.43
CIE _{LCh}	28, 89.751, 306.199
Yxy	5.5456, 0.1795, 0.0905
Android (android.graphics.Color)	4282262198 (0xFF3E22B6)
YUV	59.2440, 60.5187, 2.4170
Hunter-Lab	23.5491, 42.1844, -96.1749

Details

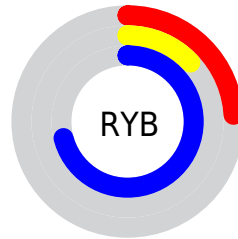
The Hex color **3E22B6** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **9AB622**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7D54EF**, and **000080** is the 20% darker color. If you saturate the color by 10%, you get **2F10B6**, and if you desaturate by 10%, it is **4D34B6**.

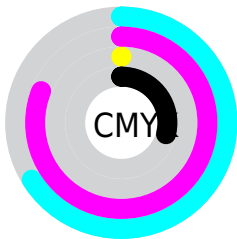
Distribution



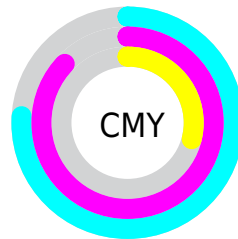
- Red (24%)
- Green (13%)
- Blue (71%)



- Red (24%)
- Yellow (13%)
- Blue (71%)



- Cyan (66%)
- Magenta (81%)
- Yellow (0%)
- Black (29%)



- Cyan (76%)
- Magenta (87%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E22B6 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 3E22B6 by changing the saturation by 10% instead.

■ 3E22B6

■ 3E22B6

FFFFFF

■ 10059A

■ 7D54EF

■ 000080

■ 9B6EFF

■ 000066

■ B988FF

■ 00084C

■ D7A3FF

■ 000535

■ F6BEFF

■ 00021E

■ FFDBFF

■ 000001

■ FFF8FF

■ 000000

■ 3E22B6

■ 3E22B6

■ 2F10B6

■ 4D34B6

■ 2200B6

■ 5C46B6

■ 6A59B6

■ 796BB6

■ 887DB6

■ 978FB6

■ A5A1B6

■ B4B4B6

■ C3C6B6

Harmonies

Analogous

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



004BD2



3E22B6



99007C

Triad

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



3E22B6



7C2400



005950

Complementary

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



3E22B6



9AB622

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.



005700



3E22B6



464500

Square

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



3E22B6



A20000



005200



005B95

Rectangle

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



3E22B6



AD004F



005200



005838

Sweetspot

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



3E22B6



BFB4ED



229BB6



5C5578



F7F7F7



787878

Same Dimension

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



3E22B6



3105ED



8722B6



54535C



1D009C



05001C

Inverse Universe

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



B6229A



ED05C1



51B622



5C535A



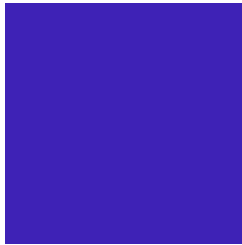
9C007E



1C0017

Previews

White Background



This preview shows how the Hex color 3E22B6 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

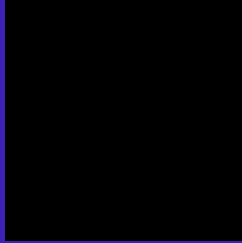
Any Text WCAG AA × Fail

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 3E22B6 Background



This preview shows how black text looks on a background with the Hex color 3E22B6.



This preview shows how white text looks on a background with the Hex color 3E22B6.

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
3E22B6

Protanopia
004188

Deuteranopia
004574



Tritanopia
004A4F

Trichromacy



Original Color
3E22B6

Protanomaly
173699

Deuteranomaly
17388C

Tritanomaly
173B74

Monochromacy



Original Color
3E22B6

Achromatopsia
3B3B3B

Achromatomaly
3C3268

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E22B6 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 #3E22B6 looks like.

```
.text, #text, p{  
    color:#3E22B6  
}
```

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 #3E22B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E22B6
}
```

Border

The CSS property to change the border of an element to Hex 3E22B6 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
#3E22B6 }
```

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

```
.border{ border-color:#3E22B6 }
```

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

Here you see how a box with a 4 pixel #3E22B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E22B6; -webkit-box-shadow:4px 4px  
4px 4px #3E22B6; box-shadow:4px 4px 4px  
4px #3E22B6 }
```

Background

The CSS property to change the background color of an element to Hex 3E22B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E22B6 }
```

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

```
.background{ background-color:#3E22B6 }
```

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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