

Converting Colors

Hex(3E216F)

Have a look what the booklet for
Hex(3E216F) contains.

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Color

Hex(3E216F)

Conversions

Conversions Part 1

Format	Color
Hex	3E216F
RGB	62, 33, 111
RGB Percent	24%, 13%, 44%
CMY	0.7569, 0.8706, 0.5647
CMYK	0.44, 0.70, 0.00, 0.56
HSL	262°, 54%, 28%
HSV	262°, 70%, 44%
XYZ	5.3997, 3.2595, 15.3835
YIQ	50.5630, -7.7540, 30.4060

Conversions

Conversions Part 2

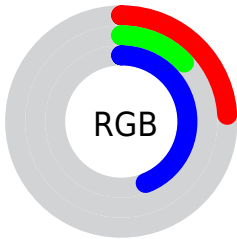
Format	Color
RYB	62, 33, 111
Decimal	4071791
CIELab	21.05, 32.49, -40.28
CIElCh	21, 51.752, 308.893
Yxy	3.2595, 0.2246, 0.1356
Android (android.graphics.Color)	4282261871 (0xFF3E216F)
YUV	50.5630, 29.7954, 10.0302
Hunter-Lab	18.0542, 21.7915, -37.8814

Details

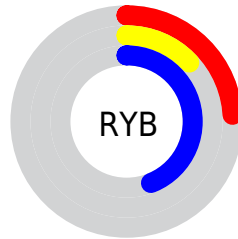
The Hex color **3E216F** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **526F21**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **7250A3**, and **0F003F** is the 20% darker color. If you saturate the color by 10%, you get **37166F**, and if you desaturate by 10%, it is **452C6F**.

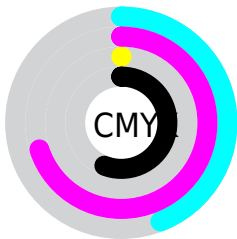
Distribution



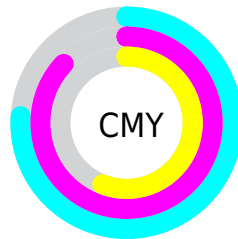
- Red (24%)
- Green (13%)
- Blue (44%)



- Red (24%)
- Yellow (13%)
- Blue (44%)



- Cyan (44%)
- Magenta (70%)
- Yellow (0%)
- Black (56%)



- Cyan (76%)
- Magenta (87%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E216F 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 3E216F by changing the saturation by 10% instead.



3E216F



3E216F

FFFFFF



240A56



7250A3



0F003F



8D68BF



000327



A882DB



000111



C49CF8



000000



E1B7FF



FED3FF



FFEEFF



3E216F



3E216F

■ 37166F

■ 452C6F

■ 300B6F

■ 4C376F

■ 29006F

■ 53426F

■ 5A4D6F

■ 61596F

■ 68646F

■ 6F6F6F

■ 767A6F

■ 7D856F

Harmonies

Analogous

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



003580



3E216F



66004F

Triad

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



3E216F



542600



00423D

Complementary

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



3E216F



526F21

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.



004015



3E216F



353500

Square

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



3E216F



6B0800



023D00



004162

Rectangle

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



3E216F



710036



023D00



004130

Sweetspot

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



3E216F



7E7391



21526F



3E374A



C9C9C9



4A4A4A

Same Dimension

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



3E216F



451791



65216F



353238



2D0078



5C00F7

Inverse Universe

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



6F2152



911764



2B6F21



383236



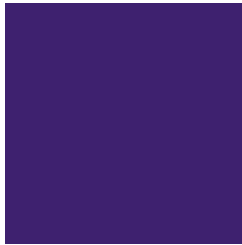
78004B



F7009B

Previews

White Background



This preview shows how the Hex color 3E216F 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

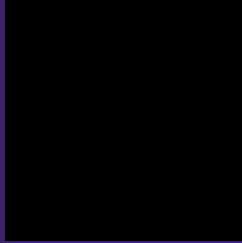
Any Text WCAG AA × Fail

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 3E216F Background



This preview shows how black text looks on a background with the Hex color 3E216F.



This preview shows how white text looks on a background with the Hex color 3E216F.

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](#).

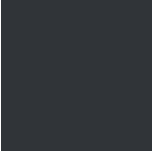
Dichromacy



Original Color
3E216F

Protanopia
003169

Deuteranopia
00355A



Tritanopia
303438

Trichromacy



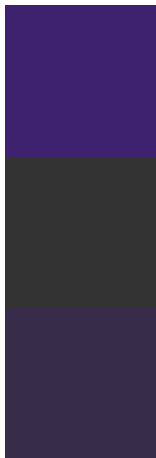
Original Color
3E216F

Protanomaly
172B6B

Deuteranomaly
172E62

Tritanomaly
352D4C

Monochromacy



Original Color
3E216F

Achromatopsia
333333

Achromatomaly
372C49

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E216F 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 #3E216F looks like.

```
.text, #text, p{  
    color:#3E216F  
}
```

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 #3E216F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E216F
}
```

Border

The CSS property to change the border of an element to Hex 3E216F 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
#3E216F }
```

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

```
.border{ border-color:#3E216F }
```

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

Here you see how a box with a 4 pixel #3E216F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E216F; -webkit-box-shadow:4px 4px  
4px 4px #3E216F; box-shadow:4px 4px 4px  
4px #3E216F }
```

Background

The CSS property to change the background color of an element to Hex 3E216F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E216F }
```

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

```
.background{ background-color:#3E216F }
```

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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