

Converting Colors

Hex(3E256D)

Have a look what the booklet for
Hex(3E256D) contains.

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Color

Hex(3E256D)

Conversions

Conversions Part 1

Format	Color
Hex	3E256D
RGB	62, 37, 109
RGB Percent	24%, 15%, 43%
CMY	0.7569, 0.8549, 0.5725
CMYK	0.43, 0.66, 0.00, 0.57
HSL	261°, 49%, 29%
HSV	261°, 66%, 43%
XYZ	5.4085, 3.4514, 14.8491
YIQ	52.6830, -8.2120, 27.6920

Conversions

Conversions Part 2

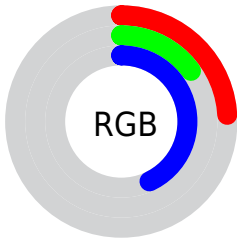
Format	Color
RYB	62, 37, 109
Decimal	4072813
CIELab	21.77, 29.52, -37.83
CIElCh	22, 47.986, 307.970
Yxy	3.4514, 0.2281, 0.1456
Android (android.graphics.Color)	4282262893 (0xFF3E256D)
YUV	52.6830, 27.7643, 8.1710
Hunter-Lab	18.5779, 19.4543, -34.3853

Details

The Hex color **3E256D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **546D25**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **7153A1**, and **0F003D** is the 20% darker color. If you saturate the color by 10%, you get **371A6D**, and if you desaturate by 10%, it is **45306D**.

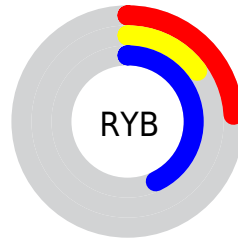
Distribution



Red (24%)

Green (15%)

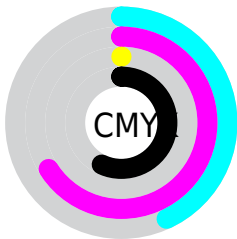
Blue (43%)



Red (24%)

Yellow (15%)

Blue (43%)

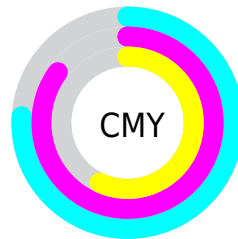


Cyan (43%)

Magenta (66%)

Yellow (0%)

Black (57%)



Cyan (76%)

Magenta (85%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E256D 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 3E256D by changing the saturation by 10% instead.

■ 3E256D

■ 3E256D

FFFFFF

■ 240F54

■ 7153A1

■ 0F003D

■ 8C6CBC

■ 000326

■ A785D8

■ 00010F

■ C3A0F5

■ 000000

■ E0BBFF

■ FDD7FF

■ FFF3FF

■ 3E256D

■ 3E256D

■ 371A6D

■ 45306D

■ 300F6D

■ 4C3B6D

■ 29046D

■ 53466D

■ 26006D

■ 5A516D

■ 625B6D

■ 69666D

■ 70716D

■ 777C6D

■ 7E876D

Harmonies

Analogous

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



00367C



3E256D



640850

Triad

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



3E256D



562800



00433D

Complementary

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



3E256D



546D25

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.



004117



3E256D



393600

Square

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



3E256D



6A1108



103D00



004260

Rectangle

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



3E256D



6E0038



103D00



004231

Sweetspot

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



3E256D



7C728F



25556D



3C3647



C7C7C7



474747

Same Dimension

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



3E256D



451E8F



61256D



323036



290075



5500F5

Inverse Universe

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



6D2554



8F1E68



316D25



363034



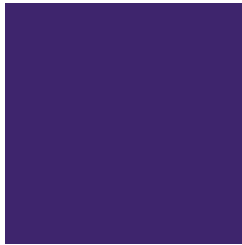
75004D



F500A0

Previews

White Background



This preview shows how the Hex color 3E256D 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

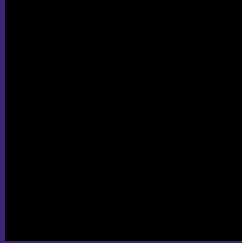
Any Text WCAG AA × Fail

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 3E256D Background



This preview shows how black text looks on a background with the Hex color 3E256D.

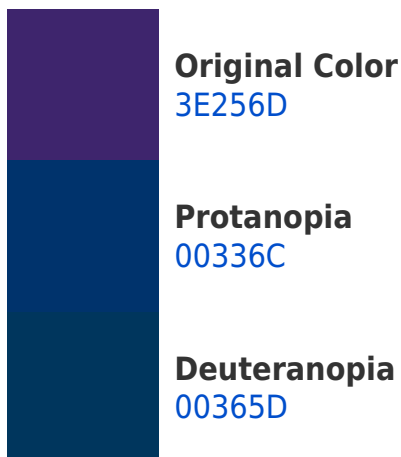


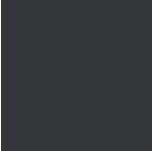
This preview shows how white text looks on a background with the Hex color 3E256D.

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





Tritanopia
323539

Trichromacy



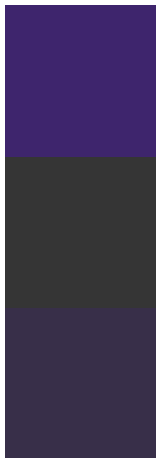
Original Color
3E256D

Protanomaly
172E6C

Deuteranomaly
173063

Tritanomaly
362F4C

Monochromacy



Original Color
3E256D

Achromatopsia
353535

Achromatomaly
382F49

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E256D 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 #3E256D looks like.

```
.text, #text, p{  
    color:#3E256D  
}
```

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 #3E256D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E256D
}
```

Border

The CSS property to change the border of an element to Hex 3E256D is called "border". The border property can be set on classes, ids or directly on the HTML element.

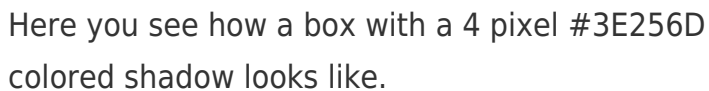
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E256D }
```

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

```
.border{ border-color:#3E256D }
```

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



Here you see how a box with a 4 pixel #3E256D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E256D; -webkit-box-shadow:4px 4px  
4px 4px #3E256D; box-shadow:4px 4px 4px  
4px #3E256D }
```

Background

The CSS property to change the background color of an element to Hex 3E256D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E256D }
```

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

```
.background{ background-color:#3E256D }
```

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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