

# Converting Colors

Hex(382E7D)

Have a look what the booklet for  
Hex(382E7D) contains.

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# Color

Hex(382E7D)

# Conversions

## Conversions Part 1

Format	Color
Hex	382E7D
RGB	56, 46, 125
RGB Percent	22%, 18%, 49%
CMY	0.7804, 0.8196, 0.5098
CMYK	0.55, 0.63, 0.00, 0.51
HSL	248°, 46%, 34%
HSV	248°, 63%, 49%
XYZ	6.3096, 4.2754, 19.8947
YIQ	57.9960, -19.3990, 26.6890

# Conversions

## Conversions Part 2

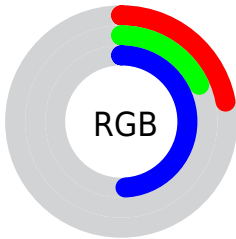
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 46, 125
Decimal	3681917
CIELab	24.56, 27.62, -43.56
CIELCh	25, 51.573, 302.378
Yxy	4.2754, 0.2070, 0.1403
Android (android.graphics.Color)	4281871997 (0xFF382E7D)
YUV	57.9960, 33.0330, -1.7505
Hunter-Lab	20.6771, 18.2839, -42.5727

# Details

The Hex color **382E7D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **737D2E**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6D5CB2**, and **00024B** is the 20% darker color. If you saturate the color by 10%, you get **2D227D**, and if you desaturate by 10%, it is **433B7D**.

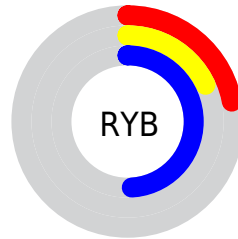
# Distribution



Red (22%)

Green (18%)

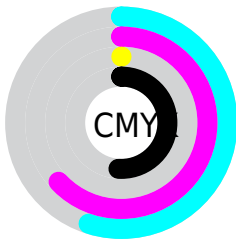
Blue (49%)



Red (22%)

Yellow (18%)

Blue (49%)

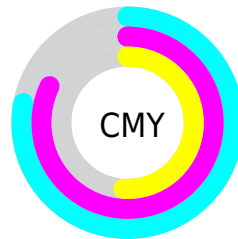


Cyan (55%)

Magenta (63%)

Yellow (0%)

Black (51%)



Cyan (78%)

Magenta (82%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 382E7D 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 382E7D by changing the saturation by 10% instead.





382E7D



382E7D

FFFFFF



1B1964



6D5CB2



00024B



8875CE



000134



A48FEB



00021E



C0AAFF



000000



DDC5FF



FAE1FF



FFFEFF



382E7D



382E7D

■ 2D227D

■ 433B7D

■ 22157D

■ 4E477D

■ 17087D

■ 59537D

■ 10007D

■ 64607D

■ 6F6D7D

■ 7A797D

■ 84867D

■ 8F927D

■ 9A9F7D

# Harmonies

## Analogous

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



003F89



382E7D



69125F

# Triad

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



382E7D



642900



004A3D

# Complementary

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



382E7D



737D2E

# 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.



004812



382E7D



463A00

# Square

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



382E7D



770D13



1E4300



004A63

# Rectangle

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



382E7D



780046



1E4300



004A2F



# Sweetspot

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



382E7D



8884A3



2E747D



413F52



D1D1D1



525252



# Same Dimension

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



382E7D



3727A3



5F2E7D



3A3940



100080



000000



# Inverse Universe

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



7D2E73



A32793



4C7D2E



40393F



80006F



000000



# Previews

## White Background



This preview shows how the Hex color 382E7D looks on a white background.

## Color Contrast Check

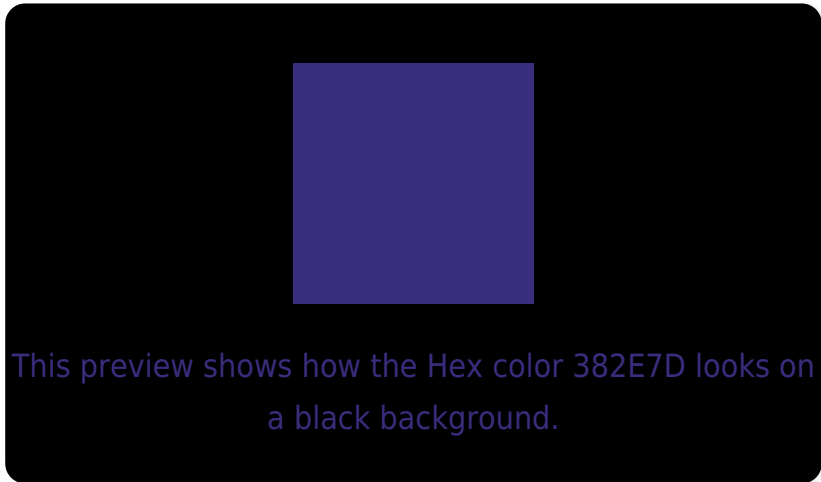
Large Text (above 18pt) WCAG AA ✓ Pass

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

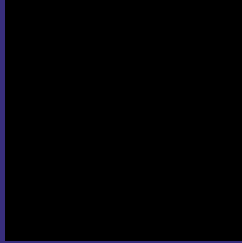
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 382E7D Background



This preview shows how black text looks on a background with the Hex color 382E7D.



This preview shows how white text looks on a background with the Hex color 382E7D.

# 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**  
382E7D

**Protanopia**  
003878

**Deuteranopia**  
003C67



**Tritanopia**  
233F44

# Trichromacy



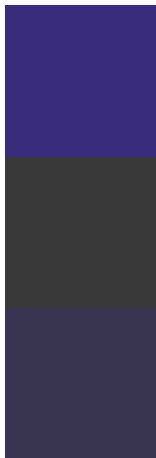
**Original Color**  
382E7D

**Protanomaly**  
14347A

**Deuteranomaly**  
14376F

**Tritanomaly**  
2B3959

# Monochromacy



**Original Color**  
382E7D

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
393652

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 382E7D 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 #382E7D looks like.

```
.text, #text, p{  
    color:#382E7D  
}
```

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 #382E7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #382E7D
}
```

## Border

The CSS property to change the border of an element to Hex 382E7D 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".

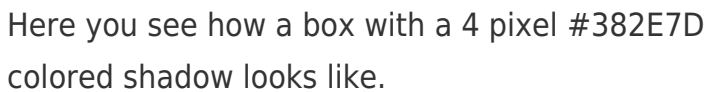
```
.border, #border, table{ border:4px solid
#382E7D }
```

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

```
.border{ border-color:#382E7D }
```

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

Here you see how a box with a 4 pixel #382E7D colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #382E7D; -webkit-box-shadow:4px 4px  
4px 4px #382E7D; box-shadow:4px 4px 4px  
4px #382E7D }
```

# Background

The CSS property to change the background color of an element to Hex 382E7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#382E7D }
```

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

```
.background{ background-color:#382E7D }
```

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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