

Converting Colors

Hex(38237A)

Have a look what the booklet for
Hex(38237A) contains.

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Color

Hex(38237A)

Conversions

Conversions Part 1

Format	Color
Hex	38237A
RGB	56, 35, 122
RGB Percent	22%, 14%, 48%
CMY	0.7804, 0.8627, 0.5216
CMYK	0.54, 0.71, 0.00, 0.52
HSL	254°, 55%, 31%
HSV	254°, 71%, 48%
XYZ	5.7448, 3.4480, 18.7751
YIQ	51.1970, -15.4110, 31.5090

Conversions

Conversions Part 2

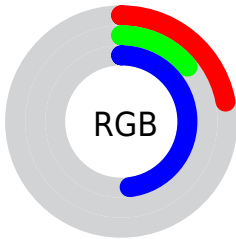
Format	Color
R_{YB}	56, 35, 122
Decimal	3679098
CIE _{Lab}	21.76, 33.48, -46.22
CIE _{LCh}	22, 57.077, 305.919
Yxy	3.4480, 0.2054, 0.1233
Android (android.graphics.Color)	4281869178 (0xFF38237A)
YUV	51.1970, 34.9059, 4.2122
Hunter-Lab	18.5687, 22.7291, -46.9510

Details

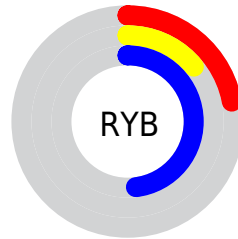
The Hex color **38237A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **657A23**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **6E51AF**, and **000048** is the 20% darker color. If you saturate the color by 10%, you get **2F177A**, and if you desaturate by 10%, it is **412F7A**.

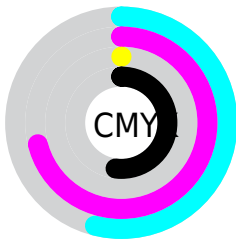
Distribution



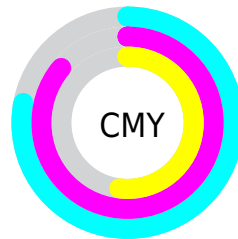
- Red (22%)
- Green (14%)
- Blue (48%)



- Red (22%)
- Yellow (14%)
- Blue (48%)



- Cyan (54%)
- Magenta (71%)
- Yellow (0%)
- Black (52%)



- Cyan (78%)
- Magenta (86%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38237A 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 38237A by changing the saturation by 10% instead.

■ 38237A

■ 38237A

FFFFFF

■ 1B0D61

■ 6E51AF

■ 000048

■ 896ACB

■ 000431

■ A584E7

■ 00011B

■ C19EFF

■ 000000

■ DDB9FF

■ FBD5FF

■ FFF1FF

■ 38237A

■ 38237A

■ 2F177A

■ 412F7A

■ 250B7A

■ 4B3B7A

■ 1D007A

■ 54487A

■ 5D547A

■ 66607A

■ 706C7A

■ 79787A

■ 82857A

■ 8B917A

Harmonies

Analogous

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



00388A



38237A



6A0058

Triad

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



38237A



5B2400



00443C

Complementary

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



38237A



657A23

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.



00420D



38237A



3A3600

Square

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



38237A



730000



013E00



004465

Rectangle

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



38237A



77003C



013E00



00442D

Sweetspot

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



38237A



857D9E



23667A



403B4F



CFCFCF



4F4F4F

Same Dimension

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



38237A



37169E



63237A



39373D



1E007D



3D00FC

Inverse Universe

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



7A2365



9E167D



3A7A23



3D373C



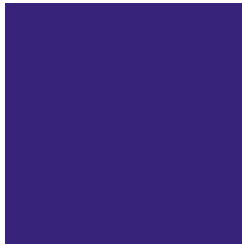
7D005F



FC00C0

Previews

White Background



This preview shows how the Hex color 38237A looks on a white background.

Color Contrast Check

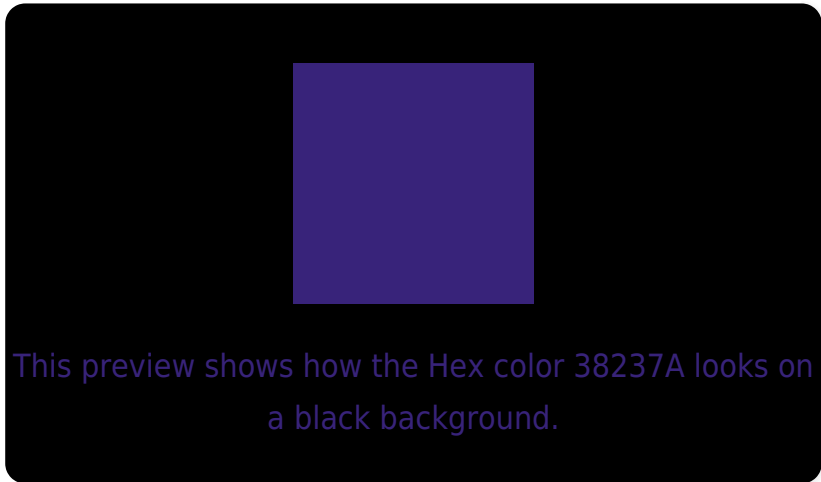
Large Text (above 18pt) WCAG AA ✓ Pass

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

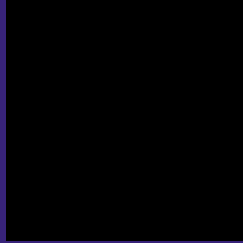
Any Text WCAG AA × Fail

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 38237A Background



This preview shows how black text looks on a background with the Hex color 38237A.



This preview shows how white text looks on a background with the Hex color 38237A.

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
38237A

Protanopia
00336B

Deuteranopia
00365C

Trichromacy



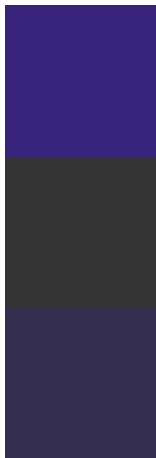
Original Color
38237A

Protanomaly
142D70

Deuteranomaly
142F67

Tritanomaly
2B3053

Monochromacy



Original Color
38237A

Achromatopsia
333333

Achromatomaly
352D4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 38237A 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 #38237A looks like.

```
.text, #text, p{  
    color:#38237A  
}
```

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 #38237A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38237A
}
```

Border

The CSS property to change the border of an element to Hex 38237A is called "border". The border property can be set on classes, ids or directly on the HTML element.

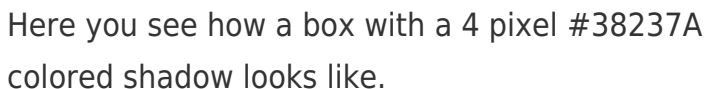
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38237A }
```

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

```
.border{ border-color:#38237A }
```

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



Here you see how a box with a 4 pixel #38237A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38237A; -webkit-box-shadow:4px 4px  
4px 4px #38237A; box-shadow:4px 4px 4px  
4px #38237A }
```

Background

The CSS property to change the background color of an element to Hex 38237A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38237A }
```

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

```
.background{ background-color:#38237A }
```

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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