

# Converting Colors

Hex(37068A)

Have a look what the booklet for  
Hex(37068A) contains.

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# Color

**Hex(37068A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37068A
RGB	55, 6, 138
RGB Percent	22%, 2%, 54%
CMY	0.7843, 0.9765, 0.4588
CMYK	0.60, 0.96, 0.00, 0.46
HSL	262°, 92%, 28%
HSV	262°, 96%, 54%
XYZ	6.2281, 2.7775, 24.2526
YIQ	35.6990, -13.1680, 51.4400

# Conversions

## Conversions Part 2

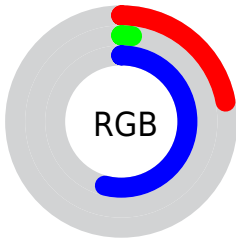
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 6, 138
Decimal	3606154
CIELab	19.13, 50.16, -60.67
CIELCh	19, 78.716, 309.583
Yxy	2.7775, 0.1873, 0.0835
Android (android.graphics.Color)	4281796234 (0xFF37068A)
YUV	35.6990, 50.4344, 16.9270
Hunter-Lab	16.6657, 37.5421, -74.6153

# Details

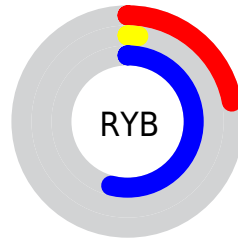
The Hex color **37068A** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **598A06**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **713DC1**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **33008A**, and if you desaturate by 10%, it is **40148A**.

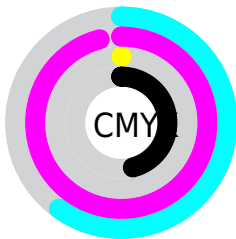
# Distribution



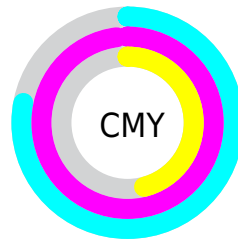
- Red (22%)
- Green (2%)
- Blue (54%)



- Red (22%)
- Yellow (2%)
- Blue (54%)



- Cyan (60%)
- Magenta (96%)
- Yellow (0%)
- Black (46%)



- Cyan (78%)
- Magenta (98%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37068A 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 37068A by changing the saturation by 10% instead.



 37068A

 37068A

 FFFBFF

 120070

 713DC1

 000057

 8E57DD

 00043E

 AA70FA

 000327

 C88BFF

 000111

 E5A6FF

 000000

 FFC2FF

 FFDEFF

 37068A

 37068A

■ 33008A

■ 40148A

■ 48228A

■ 512F8A

■ 5A3D8A

■ 624B8A

■ 6B598A

■ 74678A

■ 7C748A

■ 85828A

# Harmonies

## Analogous

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



0034A5



37068A



790058

# Triad

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



37068A



581900



004140

# Complementary

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



37068A



598A06

# 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.



003F00



37068A



293300

# Square

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



37068A



790000



003C00



004279

# Rectangle

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



37068A



870032



003C00



00412C



# Sweetspot

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



37068A



927FB3



065A8A



463A59



D9D9D9



595959



# Same Dimension

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



37068A



4200B3



78068A



413E45



310085



020005



# Inverse Universe

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



8A0659



B30070



188A06



453E42



850053

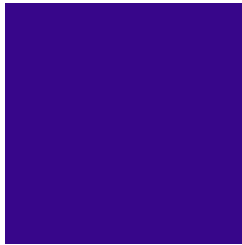


050003



# Previews

## White Background



This preview shows how the Hex color 37068A looks on a white background.

## Color Contrast Check

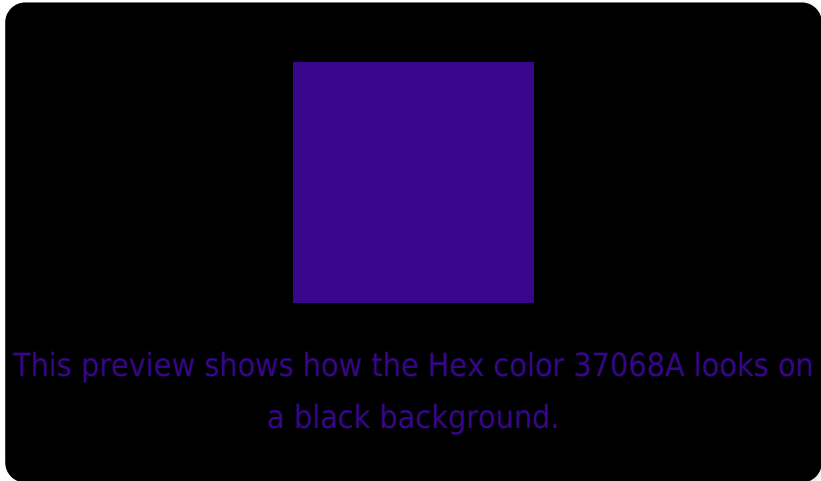
Large Text (above 18pt) WCAG AA ✓ Pass

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

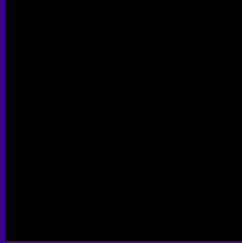
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 37068A Background



This preview shows how black text looks on a background with the Hex color 37068A.



This preview shows how white text looks on a background with the Hex color 37068A.

# 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](#).

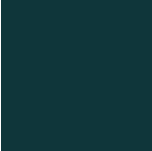
## Dichromacy



**Original Color**  
37068A

**Protanopia**  
002F63

**Deuteranopia**  
003254



**Tritanopia**  
0F363A

# Trichromacy



**Original Color**  
37068A

**Protanomaly**  
142071

**Deuteranomaly**  
142268

**Tritanomaly**  
1E2557

# Monochromacy



**Original Color**  
37068A

**Achromatopsia**  
242424

**Achromatomaly**  
2B1949

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37068A 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 #37068A looks like.

```
.text, #text, p{  
    color:#37068A  
}
```

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 #37068A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37068A
}
```

## Border

The CSS property to change the border of an element to Hex 37068A is called "border". The border property can be set on classes, ids or directly on the HTML element.

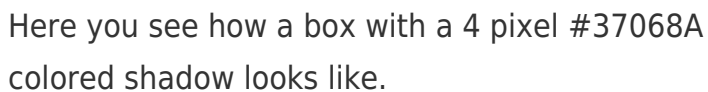
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37068A }
```

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

```
.border{ border-color:#37068A }
```

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



Here you see how a box with a 4 pixel #37068A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37068A; -webkit-box-shadow:4px 4px  
4px 4px #37068A; box-shadow:4px 4px 4px  
4px #37068A }
```

# Background

The CSS property to change the background color of an element to Hex 37068A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37068A }
```

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

```
.background{ background-color:#37068A }
```

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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