

# Converting Colors

Hex(360791)

Have a look what the booklet for  
Hex(360791) contains.

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# Color

**Hex(360791)**

# Conversions

## Conversions Part 1

Format	Color
Hex	360791
RGB	54, 7, 145
RGB Percent	21%, 3%, 57%
CMY	0.7882, 0.9725, 0.4314
CMYK	0.63, 0.95, 0.00, 0.43
HSL	260°, 91%, 30%
HSV	260°, 95%, 57%
XYZ	6.7081, 2.9806, 27.0098
YIQ	36.7850, -16.2860, 52.8820

# Conversions

## Conversions Part 2

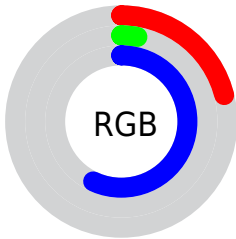
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 7, 145
Decimal	3540881
CIELab	19.97, 51.60, -63.66
CIELCh	20, 81.945, 309.031
Yxy	2.9806, 0.1828, 0.0812
Android (android.graphics.Color)	4281730961 (0xFF360791)
YUV	36.7850, 53.3500, 15.0976
Hunter-Lab	17.2643, 39.1446, -80.6735




# Details

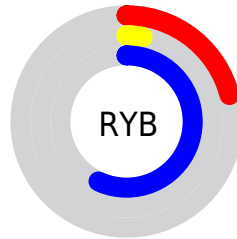
The Hex color **360791** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **629107**, and the grayscale version is **242424**.




A 20% lighter version of the original color is **723EC8**, and **00005D** is the 20% darker color. If you saturate the color by 10%, you get **310091**, and if you desaturate by 10%, it is **401691**.

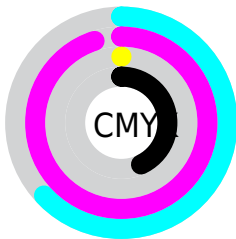
# Distribution







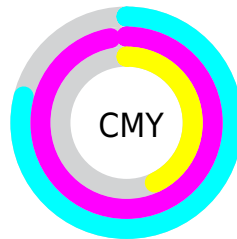
-  Red (21%)
-  Green (3%)
-  Blue (57%)






-  Red (21%)
-  Yellow (3%)
-  Blue (57%)



-  Cyan (63%)
-  Magenta (95%)
-  Yellow (0%)
-  Black (43%)



-  Cyan (79%)
-  Magenta (97%)
-  Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 360791 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 360791 by changing the saturation by 10% instead.



 360791

 360791

 FFFDFF

 0D0077

 723EC8

 00005D

 8F58E5

 000144

 AB72FF

 00032D

 C98CFF

 000117

 E6A7FF

 000000

 FFC3FF

 FFE0FF

 360791

 360791

■ 310091

■ 401691

■ 492491

■ 533391

■ 5C4191

■ 665091

■ 6F5E91

■ 796D91

■ 827B91

■ 8C8A91

# Harmonies

## Analogous

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



0036AD



360791



7E005D

# Triad

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



360791



5D1900



004442

# Complementary

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



360791



629107

# 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.



004200



360791



2C3400

# Square

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



360791



7F0000



003E00



00457D

# Rectangle

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



360791



8D0035



003E00



00432D



# Sweetspot

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



360791



9986BD



076391



493D5E



DEDEDE



5E5E5E



# Same Dimension

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



360791



4000BD



7A0791



434047



2E0087



030008



# Inverse Universe

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



910762



BD007C



1E9107



474045



870059

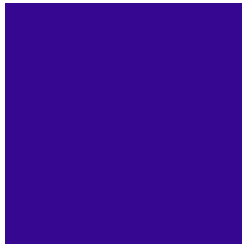


080005



# Previews

## White Background



This preview shows how the Hex color 360791 looks on a white background.

## Color Contrast Check

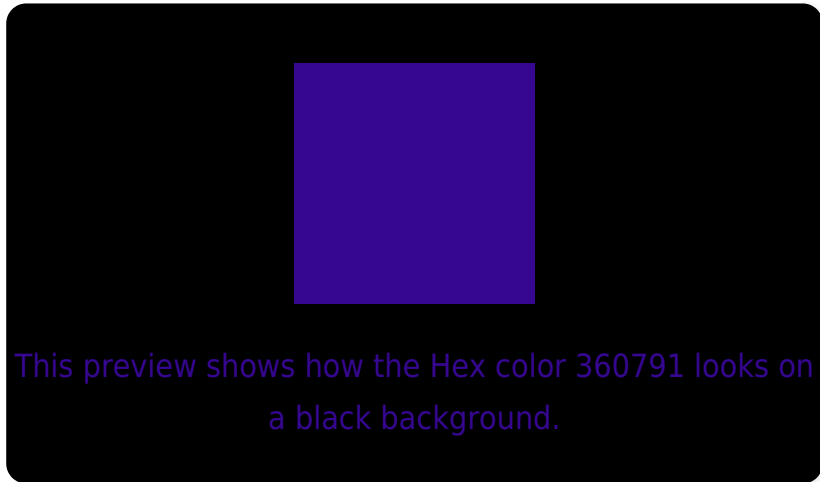
Large Text (above 18pt) WCAG AA ✓ Pass

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

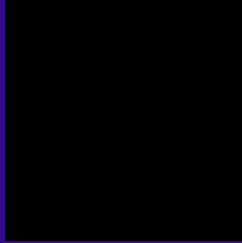
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 360791 Background



This preview shows how black text looks on a background with the Hex color 360791.



This preview shows how white text looks on a background with the Hex color 360791.

# 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**  
360791

**Protanopia**  
003166

**Deuteranopia**  
003457



**Tritanopia**  
00383C

# Trichromacy



**Original Color**  
360791

**Protanomaly**  
142276

**Deuteranomaly**  
14246C

**Tritanomaly**  
14265B

# Monochromacy



**Original Color**  
360791

**Achromatopsia**  
252525

**Achromatomaly**  
2B1A4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 360791 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 #360791 looks like.

```
.text, #text, p{  
    color:#360791  
}
```

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 #360791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #360791
}
```

## Border

The CSS property to change the border of an element to Hex 360791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

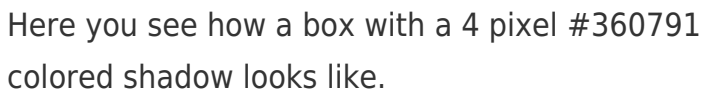
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#360791 }
```

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

```
.border{ border-color:#360791 }
```

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



Here you see how a box with a 4 pixel #360791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #360791; -webkit-box-shadow:4px 4px  
4px 4px #360791; box-shadow:4px 4px 4px  
4px #360791 }
```

# Background

The CSS property to change the background color of an element to Hex 360791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#360791 }
```

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

```
.background{ background-color:#360791 }
```

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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