

# Converting Colors

Hex(060090)

Have a look what the booklet for  
Hex(060090) contains.

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# Color

**Hex(060090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	060090
RGB	6, 0, 144
RGB Percent	2%, 0%, 56%
CMY	0.9765, 1.0000, 0.4353
CMYK	0.96, 1.00, 0.00, 0.44
HSL	243°, 100%, 28%
HSV	243°, 100%, 56%
XYZ	5.1091, 2.0523, 26.5124
YIQ	18.2100, -42.6480, 46.0560

# Conversions

## Conversions Part 2

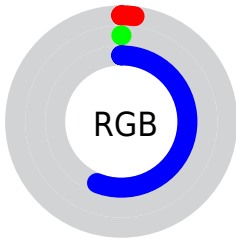
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 0, 144
Decimal	393360
CIELab	15.76, 51.81, -70.13
CIElCh	16, 87.191, 306.453
Yxy	2.0523, 0.1517, 0.0609
Android (android.graphics.Color)	4278583440 (0xFF060090)
YUV	18.2100, 62.0145, -10.7082
Hunter-Lab	14.3260, 38.5889, -99.6971

# Details

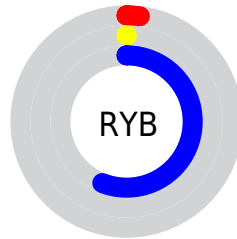
The Hex color **060090** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **8A9000**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **5936C7**, and **00005C** is the 20% darker color. If you saturate the color by 10%, you get **060090**, and if you desaturate by 10%, it is **140E90**.

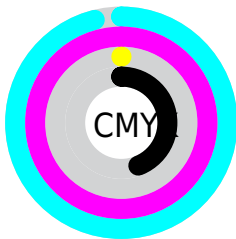
# Distribution



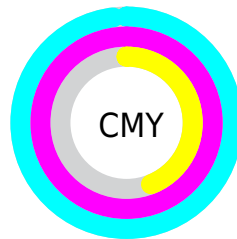
- Red (2%)
- Green (0%)
- Blue (56%)



- Red (2%)
- Yellow (0%)
- Blue (56%)



- Cyan (96%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (98%)
- Magenta (100%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 060090 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 060090 by changing the saturation by 10% instead.



 060090

 060090

 FFF1FF

 000075

 5936C7

 00005C

 784FE4

 000743

 9568FF

 00032C

 B382FF

 000116

 D19DFF

 000000

 EFB8FF

 FFD4FF

 060090

■ 140E90

■ 221D90

■ 2F2B90

■ 3D3A90

■ 4B4890

■ 595690

■ 676590

■ 747390

■ 828290

# Harmonies

## Analogous

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



0031AA



060090



73005B

# Triad

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



060090



560400



003834

# Complementary

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



060090



8A9000

# 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.



003700



060090



262A00

# Square

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



060090



780000



003400



003C73

# Rectangle

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



060090



840032



003400



00381E



# Sweetspot

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



060090



8582BA



008B90



3E3C5E



DEDEDE



5E5E5E



# Same Dimension

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



060090



0800BA



4D0090



414047



060087



000008



# Inverse Universe

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



90008A



BA00B2



439000



474047



870082

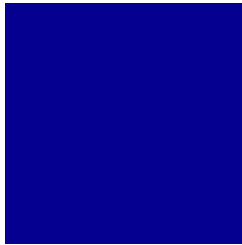


080007



# Previews

## White Background



This preview shows how the Hex color 060090 looks on a white background.

## Color Contrast Check

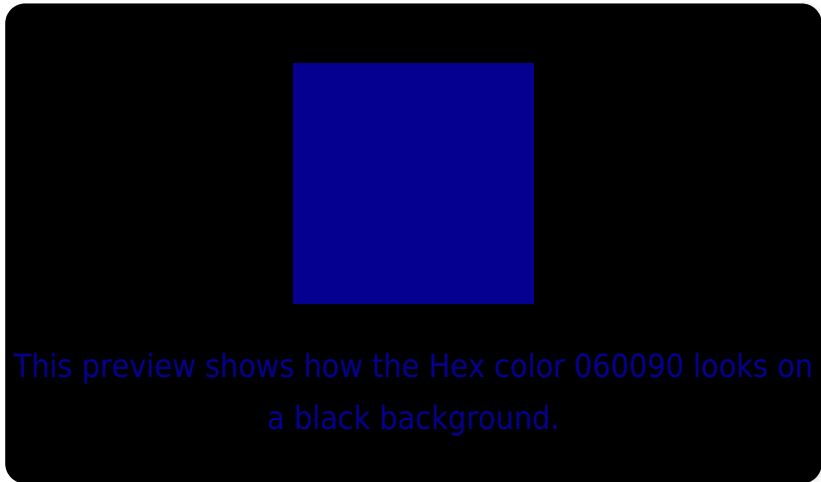
Large Text (above 18pt) WCAG AA ✓ Pass

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

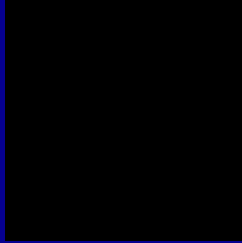
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 060090 Background



This preview shows how black text looks on a background with the Hex color 060090.



This preview shows how white text looks on a background with the Hex color 060090.

# 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**  
060090

**Protanopia**  
002A58

**Deuteranopia**  
002D4B



**Tritanopia**  
003033

# Trichromacy



**Original Color**  
060090

**Protanomaly**  
021B6C

**Deuteranomaly**  
021D64

**Tritanomaly**  
021F55

# Monochromacy



**Original Color**  
060090

**Achromatopsia**  
121212

**Achromatomaly**  
0E0B40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 060090 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 #060090 looks like.

```
.text, #text, p{  
    color:#060090  
}
```

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 #060090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #060090
}
```

## Border

The CSS property to change the border of an element to Hex 060090 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
#060090 }
```

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

```
.border{ border-color:#060090 }
```

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

Here you see how a box with a 4 pixel #060090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #060090; -webkit-box-shadow:4px 4px  
4px 4px #060090; box-shadow:4px 4px 4px  
4px #060090 }
```

# Background

The CSS property to change the background color of an element to Hex 060090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#060090 }
```

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

```
.background{ background-color:#060090 }
```

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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