

# Converting Colors

Hex(050F91)

Have a look what the booklet for  
Hex(050F91) contains.

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# Color

**Hex(050F91)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	050F91
RGB	5, 15, 145
RGB Percent	2%, 6%, 57%
CMY	0.9804, 0.9412, 0.4314
CMYK	0.97, 0.90, 0.00, 0.43
HSL	236°, 93%, 29%
HSV	236°, 97%, 57%
XYZ	5.3442, 2.4182, 26.9732
YIQ	26.8300, -47.6900, 38.3100

# Conversions

## Conversions Part 2

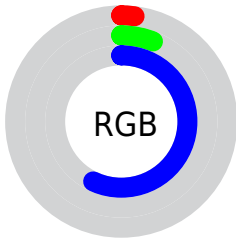
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	5, 14, 145
Decimal	331665
CIE Lab	17.54, 46.96, -67.77
CIE LCh	18, 82.454, 304.719
Yxy	2.4182, 0.1539, 0.0696
Android (android.graphics.Color)	4278521745 (0xFF050F91)
YUV	26.8300, 58.2578, -19.1449
Hunter-Lab	15.5507, 34.1306, -91.9547

# Details

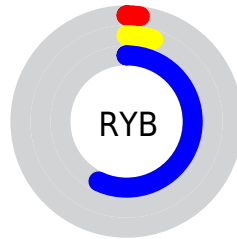
The Hex color **050F91** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **918705**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **583FC8**, and **00005D** is the 20% darker color. If you saturate the color by 10%, you get **000A91**, and if you desaturate by 10%, it is **141C91**.

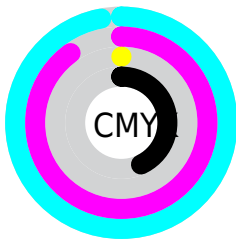
# Distribution



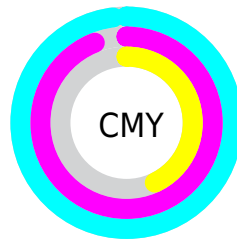
- Red (2%)
- Green (6%)
- Blue (57%)



- Red (2%)
- Yellow (5%)
- Blue (57%)



- Cyan (97%)
- Magenta (90%)
- Yellow (0%)
- Black (43%)



- Cyan (98%)
- Magenta (94%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 050F91 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 050F91 by changing the saturation by 10% instead.



 050F91

 050F91

 FFFAFF

 000076

 583FC8

 00005D

 7758E5

 000844

 9471FF

 00032D

 B28BFF

 000117

 CFA6FF

 000000

 EDC1FF

 FFDDFF

 050F91

 050F91

■ 000A91

■ 141C91

■ 222A91

■ 313791

■ 3F4591

■ 4E5291

■ 5C6091

■ 6B6D91

■ 797B91

■ 888891

# Harmonies

## Analogous

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



0035A8



050F91



72005F

# Triad

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



050F91



5C0800



003D34

# Complementary

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



050F91



918705

# 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.



003C00



050F91



2E2D00

# Square

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



050F91



7B0000



003700



003F70

# Rectangle

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



050F91



840039



003700



003D1E



# Sweetspot

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



050F91



868ABD



059185



3D405E



DEDEDE



5E5E5E



# Same Dimension

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



050F91



000DBD



3F0591



404147



000A87



000108



# Inverse Universe

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



91050F



BD000D



579105



474041



87000A

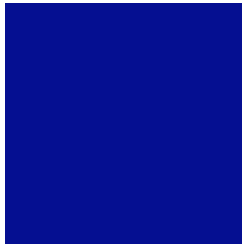


080001



# Previews

## White Background



This preview shows how the Hex color 050F91 looks on a white background.

## Color Contrast Check

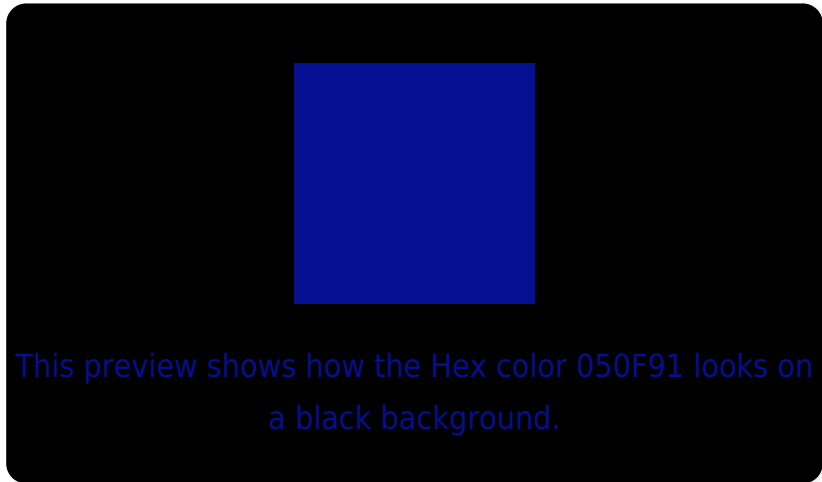
Large Text (above 18pt) WCAG AA ✓ Pass

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

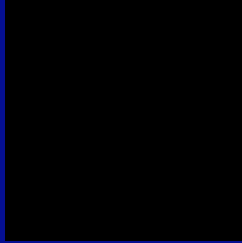
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 050F91 Background



This preview shows how black text looks on a background with the Hex color 050F91.



This preview shows how white text looks on a background with the Hex color 050F91.

# 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**  
050F91

**Protanopia**  
002C5C

**Deuteranopia**  
002F4E



# Trichromacy



**Original Color**  
050F91

**Protanomaly**  
02216F

**Deuteranomaly**  
022366

**Tritanomaly**  
022556

# Monochromacy



**Original Color**  
050F91

**Achromatopsia**  
1B1B1B

**Achromatomaly**  
131746

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 050F91 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 #050F91 looks like.

```
.text, #text, p{  
    color:#050F91  
}
```

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 #050F91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #050F91
}
```

## Border

The CSS property to change the border of an element to Hex 050F91 is called "border". The border property can be set on classes, ids or directly on the HTML element.

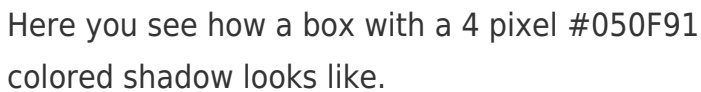
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#050F91 }
```

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

```
.border{ border-color:#050F91 }
```

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



Here you see how a box with a 4 pixel #050F91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #050F91; -webkit-box-shadow:4px 4px  
4px 4px #050F91; box-shadow:4px 4px 4px  
4px #050F91 }
```

# Background

The CSS property to change the background color of an element to Hex 050F91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#050F91 }
```

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

```
.background{ background-color:#050F91 }
```

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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