

# Converting Colors

Hex(336093)

Have a look what the booklet for  
Hex(336093) contains.

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# Color

**Hex(336093)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	336093
RGB	51, 96, 147
RGB Percent	20%, 38%, 58%
CMY	0.8000, 0.6235, 0.4235
CMYK	0.65, 0.35, 0.00, 0.42
HSL	212°, 48%, 39%
HSV	212°, 65%, 58%
XYZ	10.8146, 11.1761, 29.1910
YIQ	88.3590, -43.1910, 6.3210

# Conversions

## Conversions Part 2

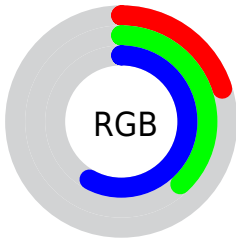
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	51, 82, 147
Decimal	3367059
CIE Lab	39.88, 1.44, -32.62
CIE LCh	40, 32.656, 272.531
Yxy	11.1761, 0.2113, 0.2184
Android (android.graphics.Color)	4281557139 (0xFF336093)
YUV	88.3590, 28.9100, -32.7638
Hunter-Lab	33.4307, -0.7604, -28.3692

# Details

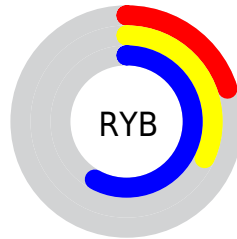
The Hex color **336093** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **936633**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6B92C9**, and **003260** is the 20% darker color. If you saturate the color by 10%, you get **245893**, and if you desaturate by 10%, it is **426893**.

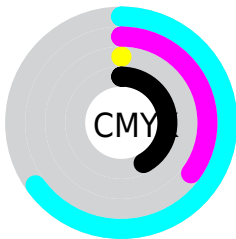
# Distribution



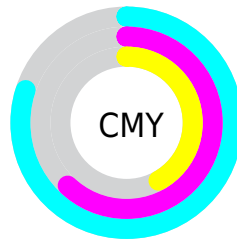
- Red (20%)
- Green (38%)
- Blue (58%)



- Red (20%)
- Yellow (32%)
- Blue (58%)



- Cyan (65%)
- Magenta (35%)
- Yellow (0%)
- Black (42%)



- Cyan (80%)
- Magenta (62%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 336093 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 336093 by changing the saturation by 10% instead.



■ 336093

■ 336093

FFFFFF

■ 104879

■ 6B92C9

■ 003260

■ 87ADE6

■ 001E48

■ A2C8FF

■ 000331

■ BFE4FF

■ 00011B

■ DCFFFF

■ 000000

■ F9FFFF

■ 336093

■ 336093

■ 245893

■ 426893

■ 165093

■ 507093

■ 074993

■ 5F7793

■ 004593

■ 6E7F93

■ 7C8793

■ 8B8F93

■ 9A9793

■ A99E93

■ B7A693

# Harmonies

## Analogous

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



00678D



336093



63568B

# Triad

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



336093



8E4B43



2D6944

# Complementary

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



336093



936633

# 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.



50652F



336093



81542F

# Square

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



336093



8F475D



6C5D27



006B5F

# Rectangle

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



336093



784F7F



6C5D27



3A683C



# Sweetspot

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



336093



99ABBF



339365



4A5561



E0E0E0



616161



# Same Dimension

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



336093



2A70BF



353393



43464A



00418A



00050A



# Inverse Universe

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



933360



BF2A70



919333



4A4346



8A0041



0A0005



# Previews

## White Background



This preview shows how the Hex color 336093 looks on a white background.

## Color Contrast Check

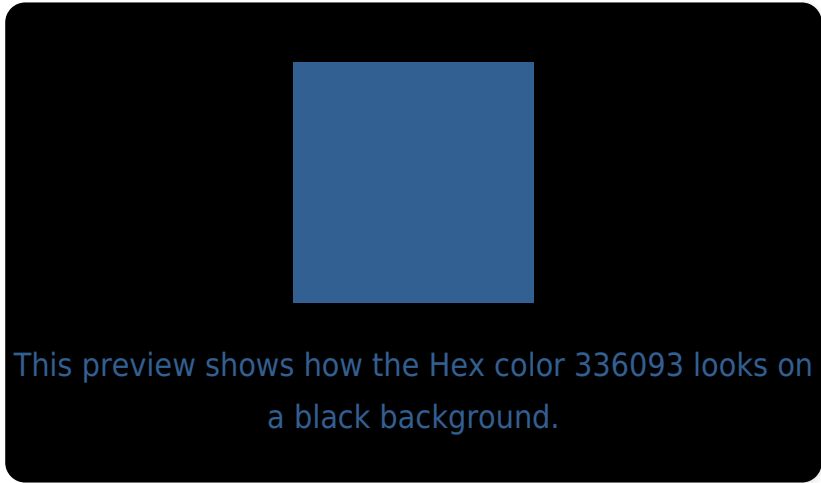
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

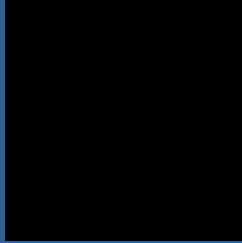
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 336093 Background



This preview shows how black text looks on a background with the Hex color 336093.



This preview shows how white text looks on a background with the Hex color 336093.

# 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**  
336093

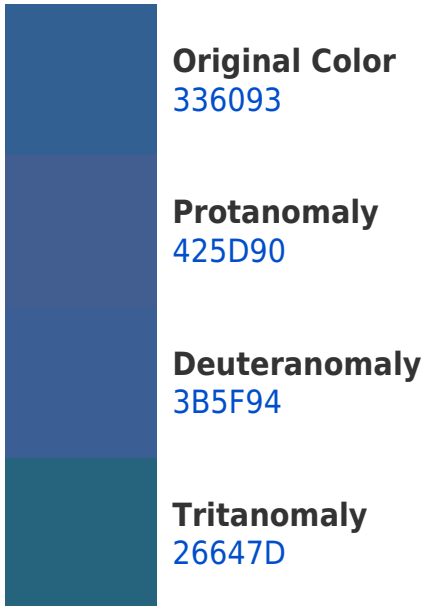
**Protanopia**  
4B5C8F

**Deuteranopia**  
405E94



**Tritanopia**  
1E6770

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 336093 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 #336093 looks like.

```
.text, #text, p{  
    color:#336093  
}
```

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 #336093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #336093
}
```

## Border

The CSS property to change the border of an element to Hex 336093 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
#336093 }
```

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

```
.border{ border-color:#336093 }
```

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

Here you see how a box with a 4 pixel #336093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #336093; -webkit-box-shadow:4px 4px  
4px 4px #336093; box-shadow:4px 4px 4px  
4px #336093 }
```

# Background

The CSS property to change the background color of an element to Hex 336093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#336093 }
```

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

```
.background{ background-color:#336093 }
```

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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