

# Converting Colors

Hex(363298)

Have a look what the booklet for  
Hex(363298) contains.

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# Color

**Hex(363298)**

# Conversions

## Conversions Part 1

Format	Color
Hex	363298
RGB	54, 50, 152
RGB Percent	21%, 20%, 60%
CMY	0.7882, 0.8039, 0.4039
CMYK	0.64, 0.67, 0.00, 0.40
HSL	242°, 50%, 40%
HSV	242°, 67%, 60%
XYZ	8.3294, 5.3325, 30.2960
YIQ	62.8240, -30.3580, 32.5700

# Conversions

## Conversions Part 2

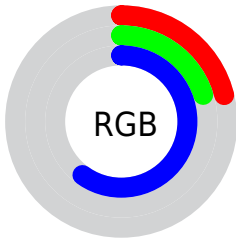
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 50, 152
Decimal	3551896
CIE <sub>Lab</sub>	27.66, 33.89, -55.29
CIE <sub>LCh</sub>	28, 64.851, 301.508
Yxy	5.3325, 0.1895, 0.1213
Android (android.graphics.Color)	4281741976 (0xFF363298)
YUV	62.8240, 43.9638, -7.7386
Hunter-Lab	23.0921, 23.9743, -61.6217

# Details

The Hex color **363298** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **949832**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **7061CF**, and **000864** is the 20% darker color. If you saturate the color by 10%, you get **272398**, and if you desaturate by 10%, it is **454198**.

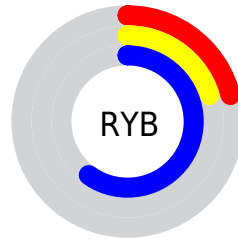
# Distribution



 Red (21%)

 Green (20%)

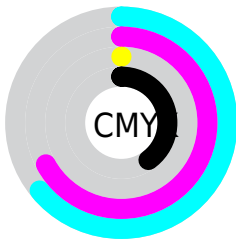
 Blue (60%)




 Red (21%)

 Yellow (20%)

 Blue (60%)

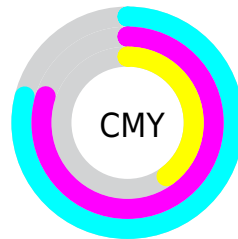


 Cyan (64%)

 Magenta (67%)

 Yellow (0%)

 Black (40%)



 Cyan (79%)

 Magenta (80%)

 Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 363298 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 363298 by changing the saturation by 10% instead.



 363298

 363298

FFFFFF

 0F1C7D

 7061CF

 000864

 8D7AEC

 00004B

 A994FF

 000433

 C6AFFF

 00021D

 E3CAFF

 000000

 FFE7FF

 363298

 363298

 272398

 454198

■ 191498

■ 535098

■ 0A0498

■ 626098

■ 060098

■ 706F98

■ 7F7E98

■ 8E8D98

■ 9C9C98

■ ABAC98

■ B9BB98

# Harmonies

## Analogous

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



0048A7



363298



7C0072

# Triad

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



363298



752900



005443

# Complementary

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



363298



949832

# 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.



005209



363298



4F4100

# Square

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



363298



8E0011



174C00



005575

# Rectangle

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



363298



8E0052



174C00



005331



# Sweetspot

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



363298



9F9DC4



329598



4D4C63



E3E3E3



636363



# Same Dimension

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



363298



2C25C4



683298



45454D



05008C



00000D



# Inverse Universe

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



983294



C425BE



629832



4D454C



8C0087

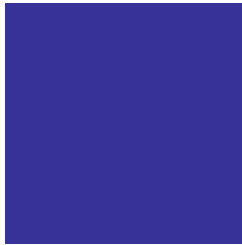


0D000C



# Previews

## White Background



This preview shows how the Hex color 363298 looks on a white background.

## Color Contrast Check

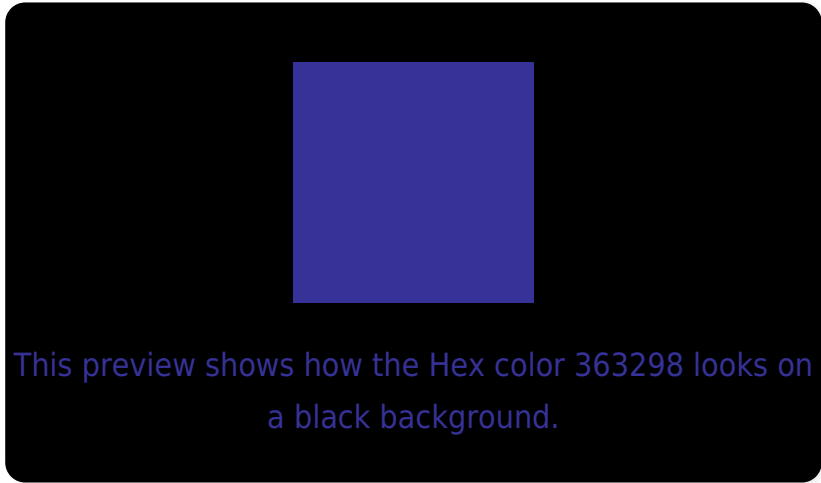
Large Text (above 18pt) WCAG AA ✓ Pass

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

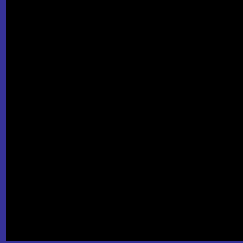
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 363298 Background



This preview shows how black text looks on a background with the Hex color 363298.



This preview shows how white text looks on a background with the Hex color 363298.

# 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**  
363298

**Protanopia**  
003F85

**Deuteranopia**  
004372



# Trichromacy



**Original Color**  
363298

**Protanomaly**  
143A8C

**Deuteranomaly**  
143D80

**Tritanomaly**  
144169

# Monochromacy



**Original Color**  
363298

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
3C3A5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 363298 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 #363298 looks like.

```
.text, #text, p{  
    color:#363298  
}
```

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 #363298 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #363298
}
```

## Border

The CSS property to change the border of an element to Hex 363298 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".

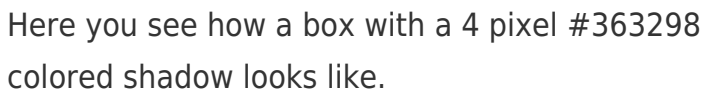
```
.border, #border, table{ border:4px solid
#363298 }
```

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

```
.border{ border-color:#363298 }
```

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

Here you see how a box with a 4 pixel #363298 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #363298; -webkit-box-shadow:4px 4px  
4px 4px #363298; box-shadow:4px 4px 4px  
4px #363298 }
```

# Background

The CSS property to change the background color of an element to Hex 363298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#363298 }
```

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

```
.background{ background-color:#363298 }
```

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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