

# Converting Colors

Hex(353869)

Have a look what the booklet for  
Hex(353869) contains.

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# Color

**Hex(353869)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	353869
RGB	53, 56, 105
RGB Percent	21%, 22%, 41%
CMY	0.7922, 0.7804, 0.5882
CMYK	0.50, 0.47, 0.00, 0.59
HSL	237°, 33%, 31%
HSV	237°, 50%, 41%
XYZ	5.4322, 4.6052, 13.9672
YIQ	60.6890, -17.5170, 14.6030

# Conversions

## Conversions Part 2

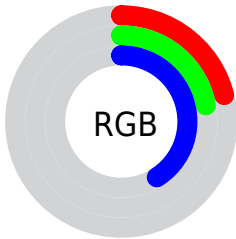
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 56, 105
Decimal	3487849
CIE <sub>Lab</sub>	25.58, 13.38, -29.18
CIE <sub>LCh</sub>	26, 32.099, 294.630
Yxy	4.6052, 0.2263, 0.1918
Android (android.graphics.Color)	4281677929 (0xFF353869)
YUV	60.6890, 21.8453, -6.7433
Hunter-Lab	21.4596, 7.6302, -23.5677

# Details

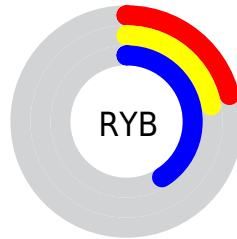
The Hex color **353869** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **696635**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **67679D**, and **010E39** is the 20% darker color. If you saturate the color by 10%, you get **2B2E69**, and if you desaturate by 10%, it is **404269**.

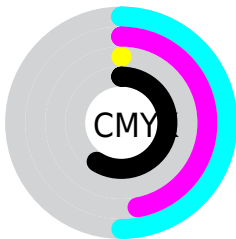
# Distribution



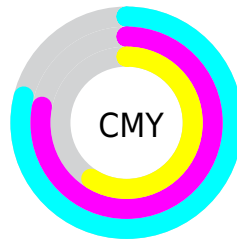
- Red (21%)
- Green (22%)
- Blue (41%)



- Red (21%)
- Yellow (22%)
- Blue (41%)



- Cyan (50%)
- Magenta (47%)
- Yellow (0%)
- Black (59%)



- Cyan (79%)
- Magenta (78%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 353869 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 353869 by changing the saturation by 10% instead.





353869



353869

FFFFFF



1C2351



67679D



010E39



8180B8



000223



9C9AD3



00000B



B7B4F0



000000



D3D0FF



F0ECFF



353869



353869



2B2E69



404269

■ 202469

■ 4A4C69

■ 161A69

■ 555669

■ 0B1069

■ 5F6069

■ 010769

■ 6A6969

■ 000669

■ 747369

■ 7F7D69

■ 898769

■ 949169

# Harmonies

## Analogous

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



00416D



353869



562D59

# Triad

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



353869



5F3015



004837

# Complementary

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



353869



696635

# 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.



15461F



353869



4D3A07

# Square

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



353869



68282A



36410C



004850

# Rectangle

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



353869



62284A



36410C



00472F



# Sweetspot

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



353869



75768A



356966



383945



C4C4C4



454545



# Same Dimension

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



353869



383D8A



4C3569



303136



000775



000EF5



# Inverse Universe

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



693538



8A383D



526935



363031



750007



F5000E



# Previews

## White Background



This preview shows how the Hex color 353869 looks on a white background.

## Color Contrast Check

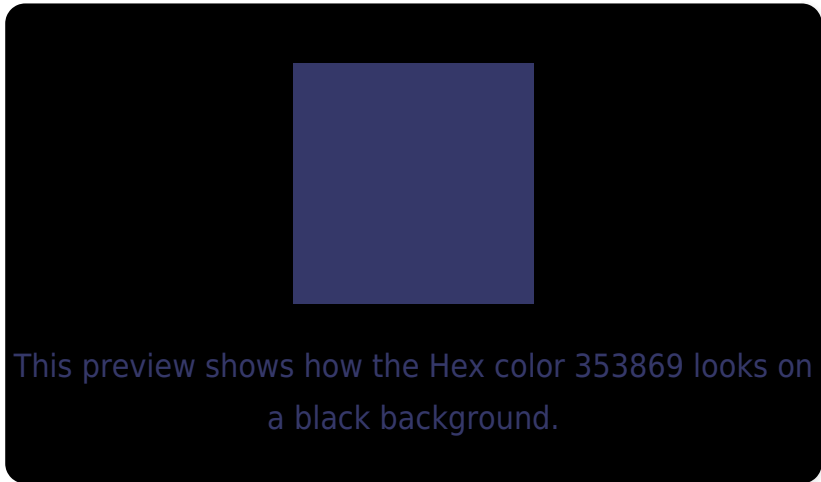
Large Text (above 18pt) WCAG AA ✓ Pass

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

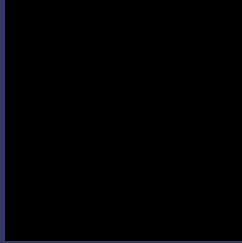
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 353869 Background



This preview shows how black text looks on a background with the Hex color 353869.



This preview shows how white text looks on a background with the Hex color 353869.

# 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**  
353869

**Protanopia**  
263B6C

**Deuteranopia**  
1C3D68



**Tritanopia**  
2A4045

# Trichromacy



**Original Color**  
353869

**Protanomaly**  
2B3A6B

**Deuteranomaly**  
253B68

**Tritanomaly**  
2E3D52

# Monochromacy



**Original Color**  
353869

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3A3B4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 353869 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 #353869 looks like.

```
.text, #text, p{  
    color:#353869  
}
```

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 #353869 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353869
}
```

## Border

The CSS property to change the border of an element to Hex 353869 is called "border". The border property can be set on classes, ids or directly on the HTML element.

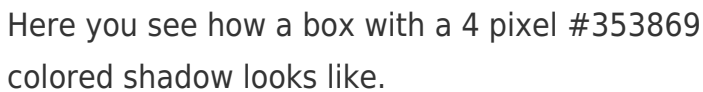
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#353869 }
```

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

```
.border{ border-color:#353869 }
```

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



Here you see how a box with a 4 pixel #353869 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353869; -webkit-box-shadow:4px 4px  
4px 4px #353869; box-shadow:4px 4px 4px  
4px #353869 }
```

# Background

The CSS property to change the background color of an element to Hex 353869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353869 }
```

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

```
.background{ background-color:#353869 }
```

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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