

# Converting Colors

Hex(353654)

Have a look what the booklet for  
Hex(353654) contains.

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# Color

**Hex(353654)**

# Conversions

## Conversions Part 1

Format	Color
Hex	353654
RGB	53, 54, 84
RGB Percent	21%, 21%, 33%
CMY	0.7922, 0.7882, 0.6706
CMYK	0.37, 0.36, 0.00, 0.67
HSL	238°, 23%, 27%
HSV	238°, 37%, 33%
XYZ	4.3876, 4.0353, 8.9351
YIQ	57.1210, -10.2260, 9.1180

# Conversions

## Conversions Part 2

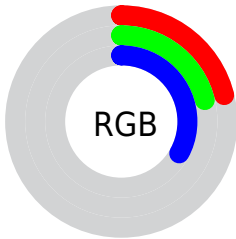
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 54, 84
Decimal	3487316
CIE Lab	23.79, 7.86, -18.31
CIE LCh	24, 19.929, 293.240
Yxy	4.0353, 0.2528, 0.2325
Android (android.graphics.Color)	4281677396 (0xFF353654)
YUV	57.1210, 13.2513, -3.6141
Hunter-Lab	20.0881, 3.8335, -12.3104

# Details

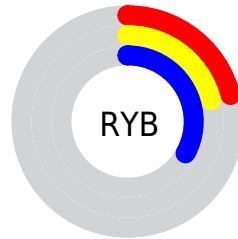
The Hex color **353654** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **545335**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **656586**, and **0A0A27** is the 20% darker color. If you saturate the color by 10%, you get **2D2E54**, and if you desaturate by 10%, it is **3D3E54**.

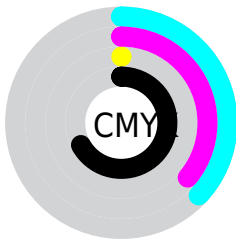
# Distribution



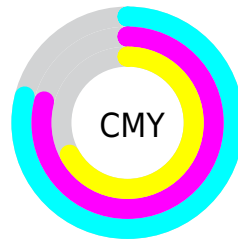
- Red (21%)
- Green (21%)
- Blue (33%)



- Red (21%)
- Yellow (21%)
- Blue (33%)



- Cyan (37%)
- Magenta (36%)
- Yellow (0%)
- Black (67%)



- Cyan (79%)
- Magenta (79%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 353654 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 353654 by changing the saturation by 10% instead.



■ 353654

■ 353654

FFFFFF

■ 1F213D

■ 656586

■ 0A0A27

■ 7E7DA0

■ 000111

■ 9897BB

■ 000000

■ B3B2D7

■ CFCEF3

■ EBEAFF

■ 353654

■ 353654

■ 2D2E54

■ 3D3E54

■ 242654

■ 464654

■ 1C1E54

■ 4E4E54

■ 131554

■ 575754

■ 0B0D54

■ 5F5F54

■ 030554

■ 676754

■ 000354

■ 706F54

■ 787754

■ 817F54

# Harmonies

## Analogous

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



1A3B56



353654



48304B

# Triad

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



353654



503121



0E4035

# Complementary

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



353654



545335

# 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.



253F26



353654



45371B

# Square

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



353654



552D2E



363B1C



004044

# Rectangle

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



353654



502E42



363B1C



174030



# Sweetspot

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



353654



62626E



355453



313138



B8B8B8



383838



# Same Dimension

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



353654



3D3F6E



433554



252529



000369



0007E8



# Inverse Universe

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



543536



6E3D3F



465435



292525



690003



E80007



# Previews

## White Background



This preview shows how the Hex color 353654 looks on a white background.

## Color Contrast Check

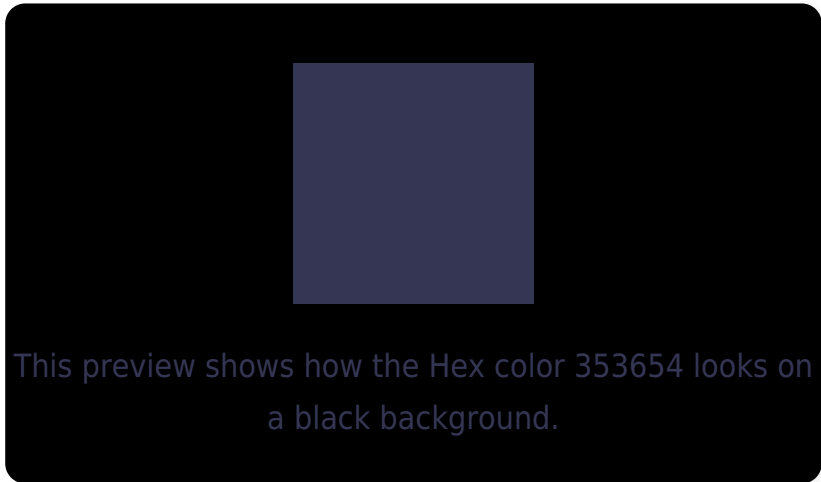
Large Text (above 18pt) WCAG AA ✓ Pass

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

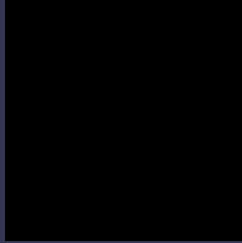
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 353654 Background



This preview shows how black text looks on a background with the Hex color 353654.

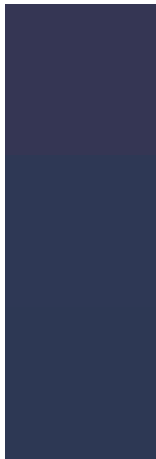


This preview shows how white text looks on a background with the Hex color 353654.

# 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**  
353654

**Protanopia**  
2E3855

**Deuteranopia**  
2D3854



**Tritanopia**  
303A3F

# Trichromacy



**Original Color**  
353654

**Protanomaly**  
313755

**Deuteranomaly**  
303754

**Tritanomaly**  
323947

# Monochromacy



**Original Color**  
353654

**Achromatopsia**  
393939

**Achromatomaly**  
383843

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 353654 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 #353654 looks like.

```
.text, #text, p{  
    color:#353654  
}
```

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 #353654 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353654
}
```

## Border

The CSS property to change the border of an element to Hex 353654 is called "border". The border property can be set on classes, ids or directly on the HTML element.

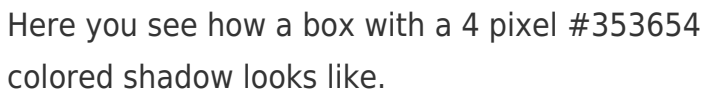
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#353654 }
```

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

```
.border{ border-color:#353654 }
```

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



Here you see how a box with a 4 pixel #353654 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353654; -webkit-box-shadow:4px 4px  
4px 4px #353654; box-shadow:4px 4px 4px  
4px #353654 }
```

# Background

The CSS property to change the background color of an element to Hex 353654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353654 }
```

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

```
.background{ background-color:#353654 }
```

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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