

# Converting Colors

Hex(353F5C)

Have a look what the booklet for  
Hex(353F5C) contains.

<b>Hex(353F5C)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(353F5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	353F5C
RGB	53, 63, 92
RGB Percent	21%, 25%, 36%
CMY	0.7922, 0.7529, 0.6392
CMYK	0.42, 0.32, 0.00, 0.64
HSL	225°, 27%, 28%
HSV	225°, 42%, 36%
XYZ	5.1775, 5.0846, 10.8338
YIQ	63.3160, -15.2690, 6.8990

# Conversions

## Conversions Part 2

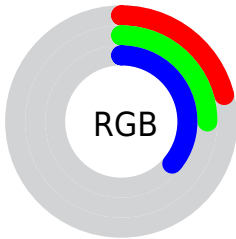
Format	Color
<b>R<sub>YB</sub></b>	53, 61, 92
Decimal	3489628
CIE Lab	26.97, 4.30, -18.58
CIE LCh	27, 19.074, 283.039
Yxy	5.0846, 0.2454, 0.2410
Android (android.graphics.Color)	4281679708 (0xFF353F5C)
YUV	63.3160, 14.1412, -9.0471
Hunter-Lab	22.5491, 1.5244, -12.7017

# Details

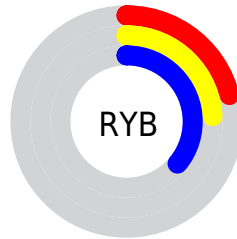
The Hex color **353F5C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C5235**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **656E8E**, and **06152E** is the 20% darker color. If you saturate the color by 10%, you get **2C385C**, and if you desaturate by 10%, it is **3E465C**.

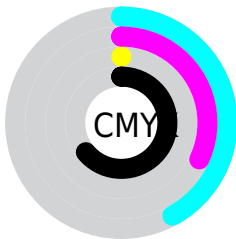
# Distribution



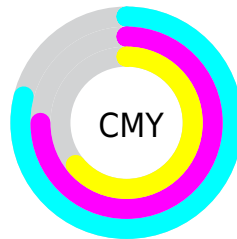
- Red (21%)
- Green (25%)
- Blue (36%)



- Red (21%)
- Yellow (24%)
- Blue (36%)



- Cyan (42%)
- Magenta (32%)
- Yellow (0%)
- Black (64%)



- Cyan (79%)
- Magenta (75%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 353F5C 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 353F5C by changing the saturation by 10% instead.



■ 353F5C

■ 353F5C

FFFFFF

■ 1E2944

■ 656E8E

■ 06152E

■ 7F88A9

■ 000119

■ 99A2C4

■ 000000

■ B4BDE0

■ D0D9FD

■ ECF5FF

■ 353F5C

■ 353F5C

■ 2C385C

■ 3E465C

■ 23315C

■ 474D5C

■ 192A5C

■ 51545C

■ 10245C

■ 5A5A5C

■ 071D5C

■ 63615C

■ 00185C

■ 6C685C

■ 756F5C

■ 7F765C

■ 887D5C

# Harmonies

## Analogous

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



1C445B



353F5C



493A55

# Triad

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



353F5C



5A372D



204737

# Complementary

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



353F5C



5C5235

# 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.



33452A



353F5C



503C24

# Square

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



353F5C



5C343A



434123



0B4846

# Rectangle

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



353F5C



53374D



434123



274632



# Sweetspot

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



353F5C



686C78



355C52



33363D



BDBDBD



3D3D3D



# Same Dimension

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



353F5C



3B4A78



3E355C



292A2E



001C6E



003DED



# Inverse Universe

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



5C353F



783B4A



535C35



2E292A



6E001C

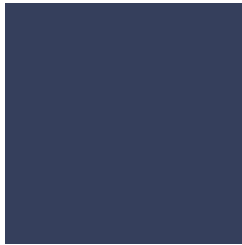


ED003D



# Previews

## White Background



This preview shows how the Hex color 353F5C looks on a white background.

## Color Contrast Check

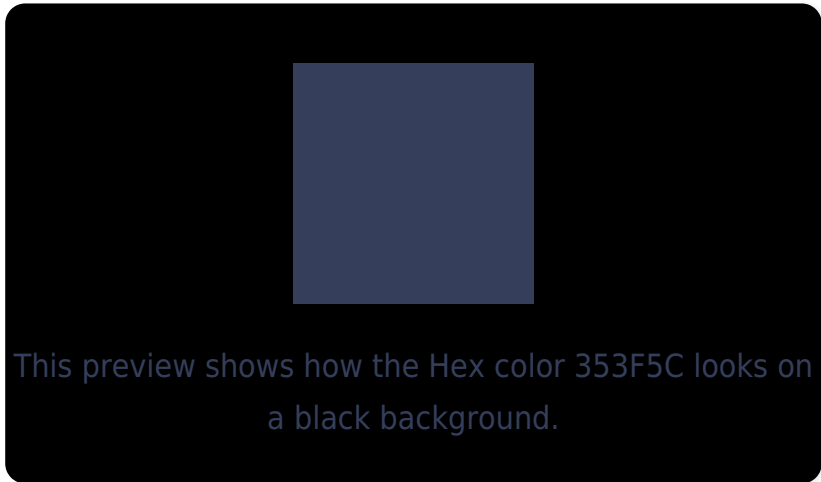
Large Text (above 18pt) WCAG AA ✓ Pass

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

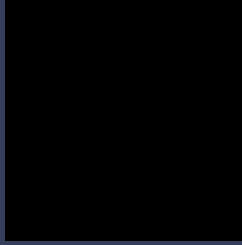
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 353F5C Background



This preview shows how black text looks on a background with the Hex color 353F5C.

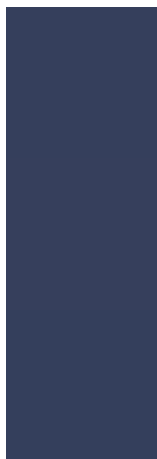


This preview shows how white text looks on a background with the Hex color 353F5C.

# 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](#).

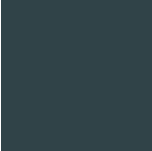
## Dichromacy



**Original Color**  
353F5C

**Protanopia**  
363F5C

**Deuteranopia**  
343F5C



**Tritanopia**  
304348

# Trichromacy



**Original Color**  
353F5C

**Protanomaly**  
363F5C

**Deuteranomaly**  
343F5C

**Tritanomaly**  
32424F

# Monochromacy



**Original Color**  
353F5C

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
3B3F4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 353F5C 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 #353F5C looks like.

```
.text, #text, p{  
    color:#353F5C  
}
```

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 #353F5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #353F5C
}
```

## Border

The CSS property to change the border of an element to Hex 353F5C 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
#353F5C }
```

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

```
.border{ border-color:#353F5C }
```

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

Here you see how a box with a 4 pixel #353F5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #353F5C; -webkit-box-shadow:4px 4px  
4px 4px #353F5C; box-shadow:4px 4px 4px  
4px #353F5C }
```

# Background

The CSS property to change the background color of an element to Hex 353F5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#353F5C }
```

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

```
.background{ background-color:#353F5C }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor