

# Converting Colors

Hex(35273F)

Have a look what the booklet for  
Hex(35273F) contains.

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# Color

**Hex(35273F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35273F
RGB	53, 39, 63
RGB Percent	21%, 15%, 25%
CMY	0.7922, 0.8471, 0.7529
CMYK	0.16, 0.38, 0.00, 0.75
HSL	275°, 24%, 20%
HSV	275°, 38%, 25%
XYZ	3.0909, 2.5668, 5.0352
YIQ	45.9220, 0.6400, 10.4320

# Conversions

## Conversions Part 2

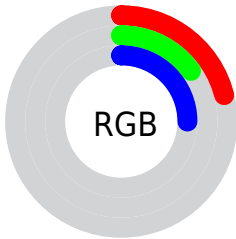
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 39, 63
Decimal	3483455
CIE <sub>Lab</sub>	18.22, 12.10, -12.79
CIE <sub>LCh</sub>	18, 17.610, 313.419
Yxy	2.5668, 0.2891, 0.2400
Android (android.graphics.Color)	4281673535 (0xFF35273F)
YUV	45.9220, 8.4195, 6.2074
Hunter-Lab	16.0212, 6.4002, -7.4188

# Details

The Hex color **35273F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **313F27**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **64546F**, and **000014** is the 20% darker color. If you saturate the color by 10%, you get **32213F**, and if you desaturate by 10%, it is **382D3F**.

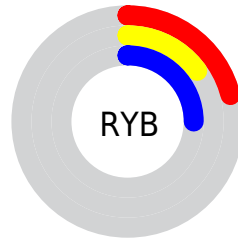
# Distribution



 Red (21%)

 Green (15%)

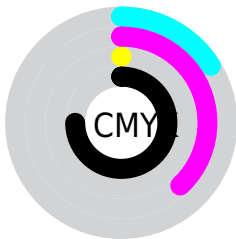
 Blue (25%)



 Red (21%)

 Yellow (15%)

 Blue (25%)

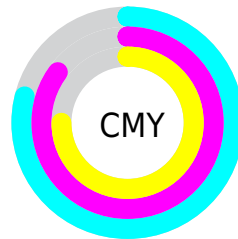


 Cyan (16%)

 Magenta (38%)

 Yellow (0%)

 Black (75%)



 Cyan (79%)

 Magenta (85%)

 Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35273F 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 35273F by changing the saturation by 10% instead.





35273F



35273F

FFFFFF



1F1329



64546F



000014



7D6C88



000000



9786A2



B2A0BD



CDBBD9



EAD7F6



FFF3FF



35273F



35273F

■ 32213F

■ 382D3F

■ 301A3F

■ 3A343F

■ 2D143F

■ 3D3A3F

■ 2A0E3F

■ 40403F

■ 28073F

■ 42473F

■ 25013F

■ 454D3F

■ 25003F

■ 47533F

■ 4A593F

■ 4D603F

# Harmonies

## Analogous

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



232C45



35273F



412334

# Triad

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



35273F



3A2914



003332

# Complementary

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



35273F



313F27

# 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.



0F3325



35273F



2F2E13

# Square

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



35273F



42251C



213119



00323E

# Rectangle

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



35273F



44222B



213119



00332E



# Sweetspot

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



35273F



4E4952



27313F



272329



A8A8A8



292929



# Same Dimension

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



35273F



422C52



3F273D



1D1C1F



37005E



8100DE



# Inverse Universe

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



3F2731



522C3C



273F29



1F1C1D



5E0027

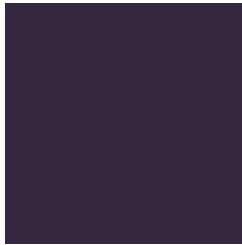


DE005C



# Previews

## White Background



This preview shows how the Hex color 35273F looks on a white background.

## Color Contrast Check

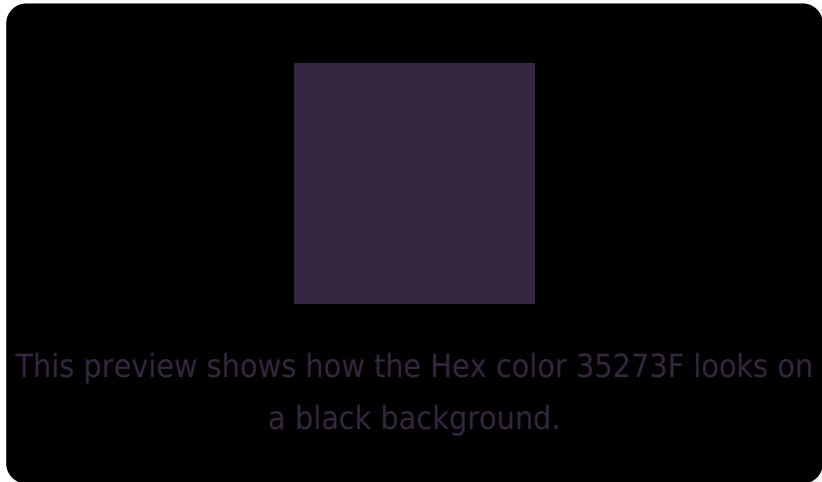
Large Text (above 18pt) WCAG AA ✓ Pass

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

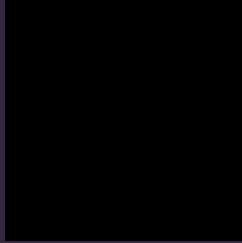
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 35273F Background



This preview shows how black text looks on a background with the Hex color 35273F.



This preview shows how white text looks on a background with the Hex color 35273F.

# 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**  
35273F

**Protanopia**  
252C43

**Deuteranopia**  
272C3E



**Tritanopia**  
322B2E

# Trichromacy



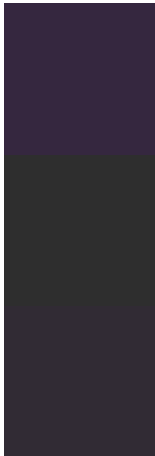
**Original Color**  
35273F

**Protanomaly**  
2B2A42

**Deuteranomaly**  
2C2A3E

**Tritanomaly**  
332A34

# Monochromacy



**Original Color**  
35273F

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
312B34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35273F 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 #35273F looks like.

```
.text, #text, p{  
    color:#35273F  
}
```

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 #35273F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35273F
}
```

## Border

The CSS property to change the border of an element to Hex 35273F is called "border". The border property can be set on classes, ids or directly on the HTML element.

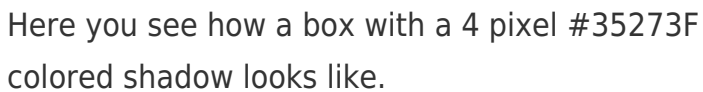
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#35273F }
```

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

```
.border{ border-color:#35273F }
```

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



Here you see how a box with a 4 pixel #35273F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35273F; -webkit-box-shadow:4px 4px  
4px 4px #35273F; box-shadow:4px 4px 4px  
4px #35273F }
```

# Background

The CSS property to change the background color of an element to Hex 35273F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35273F }
```

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

```
.background{ background-color:#35273F }
```

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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