

# Converting Colors

Hex(352E6B)

Have a look what the booklet for  
Hex(352E6B) contains.

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# Color

**Hex(352E6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	352E6B
RGB	53, 46, 107
RGB Percent	21%, 18%, 42%
CMY	0.7922, 0.8196, 0.5804
CMYK	0.50, 0.57, 0.00, 0.58
HSL	247°, 40%, 30%
HSV	247°, 57%, 42%
XYZ	5.0990, 3.7724, 14.3693
YIQ	55.0470, -15.4090, 20.4550

# Conversions

## Conversions Part 2

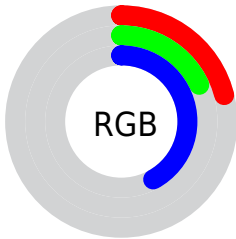
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 46, 107
Decimal	3485291
CIELab	22.90, 20.89, -34.75
CIElCh	23, 40.542, 301.007
Yxy	3.7724, 0.2194, 0.1623
Android (android.graphics.Color)	4281675371 (0xFF352E6B)
YUV	55.0470, 25.6128, -1.7952
Hunter-Lab	19.4227, 12.8718, -30.2681

# Details

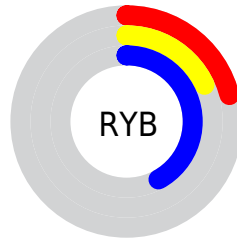
The Hex color **352E6B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **646B2E**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **685C9F**, and **02003B** is the 20% darker color. If you saturate the color by 10%, you get **2C236B**, and if you desaturate by 10%, it is **3E396B**.

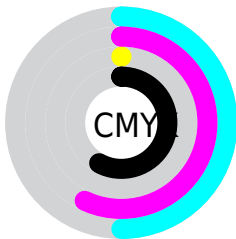
# Distribution



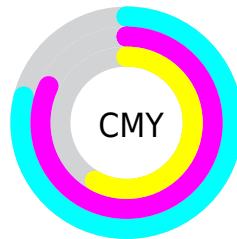
- Red (21%)
- Green (18%)
- Blue (42%)



- Red (21%)
- Yellow (18%)
- Blue (42%)



- Cyan (50%)
- Magenta (57%)
- Yellow (0%)
- Black (58%)



- Cyan (79%)
- Magenta (82%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 352E6B 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 352E6B by changing the saturation by 10% instead.





352E6B



352E6B

FFFFFF



1B1952



685C9F



02003B



8275BA



000225



9D8ED6



00010D



B9A9F3



000000



D5C4FF



F2E0FF



FFFDFD



352E6B



352E6B

■ 2C236B

■ 3E396B

■ 22196B

■ 48436B

■ 190E6B

■ 514E6B

■ 0F036B

■ 5B596B

■ 0C006B

■ 64646B

■ 6E6E6B

■ 77796B

■ 81846B

■ 8A8E6B

# Harmonies

## Analogous

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



003A74



352E6B



5B1E54

# Triad

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



352E6B



5A2900



004437

# Complementary

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



352E6B



646B2E

# 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.



004217



352E6B



433600

# Square

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



352E6B



681A19



253E00



004455

# Rectangle

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



352E6B



671441



253E00



00432C



# Sweetspot

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



352E6B



77748C



2E656B



3B3947



C7C7C7



474747



# Same Dimension

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



352E6B



382D8C



532E6B



313036



0D0075



1C00F5



# Inverse Universe

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



6B2E64



8C2D81



466B2E



363035



750068



F500D9



# Previews

## White Background



This preview shows how the Hex color 352E6B 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

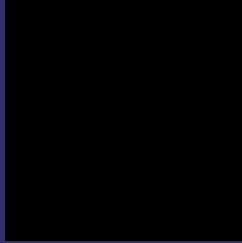
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 352E6B Background



This preview shows how black text looks on a background with the Hex color 352E6B.



This preview shows how white text looks on a background with the Hex color 352E6B.

# 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**  
352E6B

**Protanopia**  
003570

**Deuteranopia**  
003862



**Tritanopia**  
273A3E

# Trichromacy



**Original Color**  
352E6B

**Protanomaly**  
13326E

**Deuteranomaly**  
133465

**Tritanomaly**  
2C364E

# Monochromacy



**Original Color**  
352E6B

**Achromatopsia**  
373737

**Achromatomaly**  
36344A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 352E6B 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 #352E6B looks like.

```
.text, #text, p{  
    color:#352E6B  
}
```

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 #352E6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #352E6B
}
```

## Border

The CSS property to change the border of an element to Hex 352E6B 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
#352E6B }
```

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

```
.border{ border-color:#352E6B }
```

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

Here you see how a box with a 4 pixel #352E6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #352E6B; -webkit-box-shadow:4px 4px  
4px 4px #352E6B; box-shadow:4px 4px 4px  
4px #352E6B }
```

# Background

The CSS property to change the background color of an element to Hex 352E6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#352E6B }
```

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

```
.background{ background-color:#352E6B }
```

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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