

Converting Colors

Hex(352766)

Have a look what the booklet for
Hex(352766) contains.

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Color

Hex(352766)

Conversions

Conversions Part 1

Format	Color
Hex	352766
RGB	53, 39, 102
RGB Percent	21%, 15%, 40%
CMY	0.7922, 0.8471, 0.6000
CMYK	0.48, 0.62, 0.00, 0.60
HSL	253°, 45%, 28%
HSV	253°, 62%, 40%
XYZ	4.5920, 3.1672, 12.9397
YIQ	50.3680, -11.8790, 22.5610

Conversions

Conversions Part 2

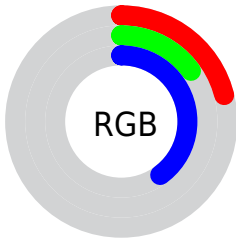
Format	Color
R_{YB}	53, 39, 102
Decimal	3483494
CIE _{Lab}	20.70, 23.91, -35.05
CIE _{LCh}	21, 42.429, 304.299
Yxy	3.1672, 0.2218, 0.1530
Android (android.graphics.Color)	4281673574 (0xFF352766)
YUV	50.3680, 25.4546, 2.3083
Hunter-Lab	17.7967, 14.9131, -30.6510

Details

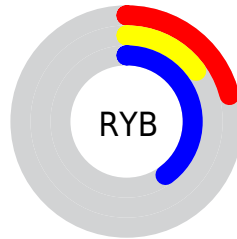
The Hex color **352766** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **586627**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **68559A**, and **080037** is the 20% darker color. If you saturate the color by 10%, you get **2D1D66**, and if you desaturate by 10%, it is **3D3166**.

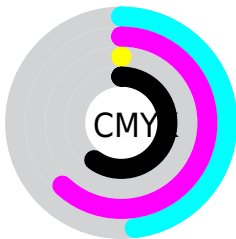
Distribution



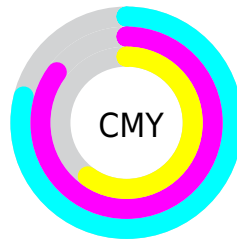
- Red (21%)
- Green (15%)
- Blue (40%)



- Red (21%)
- Yellow (15%)
- Blue (40%)



- Cyan (48%)
- Magenta (62%)
- Yellow (0%)
- Black (60%)



- Cyan (79%)
- Magenta (85%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 352766 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 352766 by changing the saturation by 10% instead.

■ 352766

■ 352766

FFFFFF

■ 1B124E

■ 68559A

■ 080037

■ 826DB5

■ 000220

■ 9D87D0

■ 000004

■ B8A1ED

■ 000000

■ D4BCFF

■ F1D8FF

■ FFF4FF

■ 352766

■ 352766

■ 2D1D66

■ 3D3166

■ 251366

■ 453B66

■ 1D0866

■ 4D4666

■ 170066

■ 555066

■ 5D5A66

■ 656466

■ 6D6E66

■ 747966

■ 7C8366

Harmonies

Analogous

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



003571



352766



5A134D

Triad

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



352766



532500



003F36

Complementary

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



352766



586627

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.



003D15



352766



3B3200

Square

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



352766



631310



1B3900



003F54

Rectangle

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



352766



650639



1B3900



003F2B

Sweetspot

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



352766



716B85



275866



363342



C2C2C2



424242

Same Dimension

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



352766



382285



542766



2F2E33



1A0073



3600F2

Inverse Universe

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



662758



85226F



396627



332E32



730059



F200BC

Previews

White Background



This preview shows how the Hex color 352766 looks on a white background.

Color Contrast Check

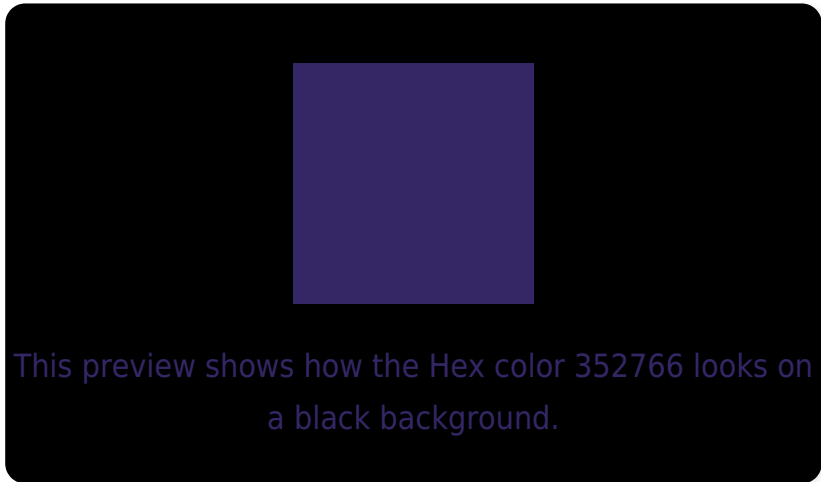
Large Text (above 18pt) WCAG AA ✓ Pass

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

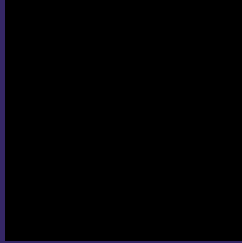
Any Text WCAG AA × Fail

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 352766 Background



This preview shows how black text looks on a background with the Hex color 352766.



This preview shows how white text looks on a background with the Hex color 352766.

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
352766

Protanopia
003067

Deuteranopia
003359



Tritanopia
283438

Trichromacy



Original Color
352766

Protanomaly
132D67

Deuteranomaly
132F5E

Tritanomaly
2D2F49

Monochromacy



Original Color
352766

Achromatopsia
323232

Achromatomaly
332E45

CSS Examples

Text

The CSS property to change the color of the text to Hex 352766 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 #352766 looks like.

```
.text, #text, p{  
    color:#352766  
}
```

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 #352766 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #352766
}
```

Border

The CSS property to change the border of an element to Hex 352766 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
#352766 }
```

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

```
.border{ border-color:#352766 }
```

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

Here you see how a box with a 4 pixel #352766 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #352766; -webkit-box-shadow:4px 4px  
4px 4px #352766; box-shadow:4px 4px 4px  
4px #352766 }
```

Background

The CSS property to change the background color of an element to Hex 352766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#352766 }
```

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

```
.background{ background-color:#352766 }
```

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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