

Converting Colors

Hex(352D82)

Have a look what the booklet for
Hex(352D82) contains.

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Color

Hex(352D82)

Conversions

Conversions Part 1

Format	Color
Hex	352D82
RGB	53, 45, 130
RGB Percent	21%, 18%, 51%
CMY	0.7922, 0.8235, 0.4902
CMYK	0.59, 0.65, 0.00, 0.49
HSL	246°, 49%, 34%
HSV	246°, 65%, 51%
XYZ	6.4358, 4.2454, 21.5993
YIQ	57.0820, -22.5170, 28.1310

Conversions

Conversions Part 2

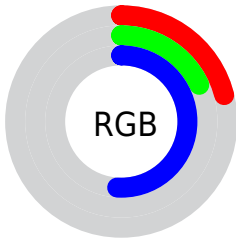
Format	Color
RYB	53, 45, 130
Decimal	3485058
CIELab	24.47, 29.37, -46.87
CIElCh	24, 55.314, 302.071
Yxy	4.2454, 0.1994, 0.1315
Android (android.graphics.Color)	4281675138 (0xFF352D82)
YUV	57.0820, 35.9486, -3.5799
Hunter-Lab	20.6043, 19.6979, -47.7303

Details

The Hex color **352D82** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7A822D**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6C5BB8**, and **000150** is the 20% darker color. If you saturate the color by 10%, you get **292082**, and if you desaturate by 10%, it is **413A82**.

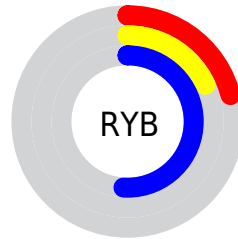
Distribution



 Red (21%)

 Green (18%)

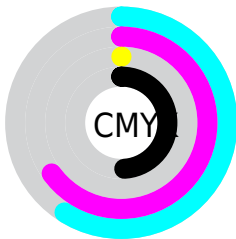
 Blue (51%)





 Red (21%)

 Yellow (18%)

 Blue (51%)

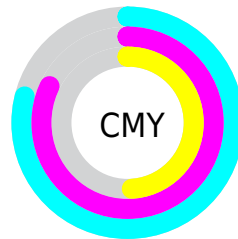


 Cyan (59%)

 Magenta (65%)

 Yellow (0%)

 Black (49%)



 Cyan (79%)

 Magenta (82%)

 Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 352D82 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 352D82 by changing the saturation by 10% instead.

■ 352D82

■ 352D82

FFFFFF

■ 151868

■ 6C5BB8

■ 000150

■ 8774D4

■ 000138

■ A38EF0

■ 000221

■ BFA8FF

■ 000007

■ DCC4FF

■ 000000

■ F9E0FF

■ FFFCFF

■ 352D82

■ 352D82

■ 292082

■ 413A82

■ 1D1382

■ 4D4782

■ 120682

■ 585482

■ 0C0082

■ 646182

■ 706E82

■ 7C7B82

■ 878882

■ 939582

■ 9FA282

Harmonies

Analogous

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



003F8F



352D82



6C0862

Triad

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



352D82



662700



004A3C

Complementary

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



352D82



7A822D

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.



00480E



352D82



463A00

Square

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



352D82



7B0111



194400



004B66

Rectangle

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



352D82



7C0047



194400



004A2D

Sweetspot

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



352D82



8A87A8



2D7B82



424054



D4D4D4



545454

Same Dimension

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



352D82



3125A8



5F2D82



3A3940



0C0080



000000

Inverse Universe

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



822D7A



A8259C



50822D



40393F



800074



000000

Previews

White Background



This preview shows how the Hex color 352D82 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

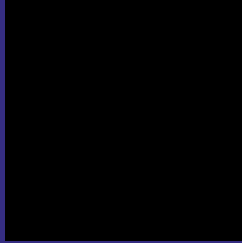
Any Text WCAG AA × Fail

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 352D82 Background



This preview shows how black text looks on a background with the Hex color 352D82.



This preview shows how white text looks on a background with the Hex color 352D82.

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](#).

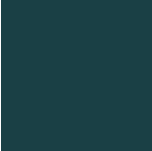
Dichromacy



Original Color
352D82

Protanopia
003877

Deuteranopia
003C66



Tritanopia
1A4045

Trichromacy



Original Color
352D82

Protanomaly
13347B

Deuteranomaly
133770

Tritanomaly
24395B

Monochromacy



Original Color
352D82

Achromatopsia
393939

Achromatomaly
383554

CSS Examples

Text

The CSS property to change the color of the text to Hex 352D82 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 #352D82 looks like.

```
.text, #text, p{  
    color:#352D82  
}
```

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 #352D82 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #352D82
}
```

Border

The CSS property to change the border of an element to Hex 352D82 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".

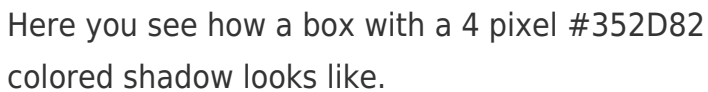
```
.border, #border, table{ border:4px solid
#352D82 }
```

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

```
.border{ border-color:#352D82 }
```

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

Here you see how a box with a 4 pixel #352D82 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #352D82; -webkit-box-shadow:4px 4px  
4px 4px #352D82; box-shadow:4px 4px 4px  
4px #352D82 }
```

Background

The CSS property to change the background color of an element to Hex 352D82 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#352D82 }
```

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

```
.background{ background-color:#352D82 }
```

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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