

Converting Colors

Hex(35258D)

Have a look what the booklet for
Hex(35258D) contains.

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Color

Hex(35258D)

Conversions

Conversions Part 1

Format	Color
Hex	35258D
RGB	53, 37, 141
RGB Percent	21%, 15%, 55%
CMY	0.7922, 0.8549, 0.4471
CMYK	0.62, 0.74, 0.00, 0.45
HSL	249°, 58%, 35%
HSV	249°, 74%, 55%
XYZ	6.9375, 4.0031, 25.6063
YIQ	53.6400, -23.8480, 35.7360

Conversions

Conversions Part 2

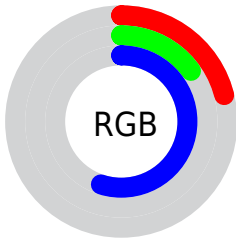
Format	Color
R_{YB}	53, 37, 141
Decimal	3483021
CIE Lab	23.68, 37.92, -55.03
CIE LCh	24, 66.830, 304.565
Yxy	4.0031, 0.1898, 0.1095
Android (android.graphics.Color)	4281673101 (0xFF35258D)
YUV	53.6400, 43.0685, -0.5613
Hunter-Lab	20.0078, 26.8794, -61.8751

Details

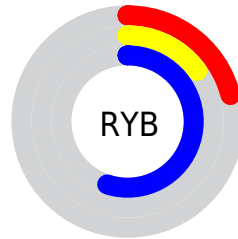
The Hex color **35258D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7D8D25**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6E54C4**, and **00005A** is the 20% darker color. If you saturate the color by 10%, you get **29178D**, and if you desaturate by 10%, it is **41338D**.

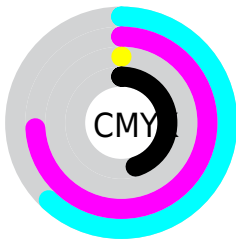
Distribution



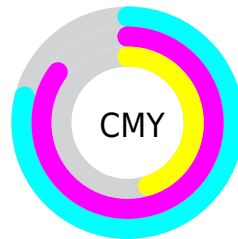
- Red (21%)
- Green (15%)
- Blue (55%)



- Red (21%)
- Yellow (15%)
- Blue (55%)



- Cyan (62%)
- Magenta (74%)
- Yellow (0%)
- Black (45%)



- Cyan (79%)
- Magenta (85%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35258D 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 35258D by changing the saturation by 10% instead.



35258D



35258D

FFFFFF



100E73



6E54C4



00005A



8A6DE0



000041



A786FD



00032A



C3A1FF



000114



E1BCFF



000000



FED8FF



FFF5FF



35258D



35258D

■ 29178D

■ 41338D

■ 1D098D

■ 4D418D

■ 16008D

■ 594F8D

■ 655D8D

■ 716C8D

■ 7D7A8D

■ 89888D

■ 94968D

■ A0A48D

Harmonies

Analogous

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



003E9F



35258D



760065

Triad

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



35258D



672200



004A3F

Complementary

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



35258D



7D8D25

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.



004805



35258D



403900

Square

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



35258D



820000



004400



004B71

Rectangle

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



35258D



870044



004400



004A2D

Sweetspot

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



35258D



958FB8



257D8D



48445C



DBDBDB



5C5C5C

Same Dimension

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



35258D



2D14B8



69258D



414047



150087



010008

Inverse Universe

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



8D257D



B8149E



498D25



474046



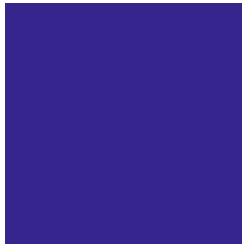
870072



080006

Previews

White Background



This preview shows how the Hex color 35258D looks on a white background.

Color Contrast Check

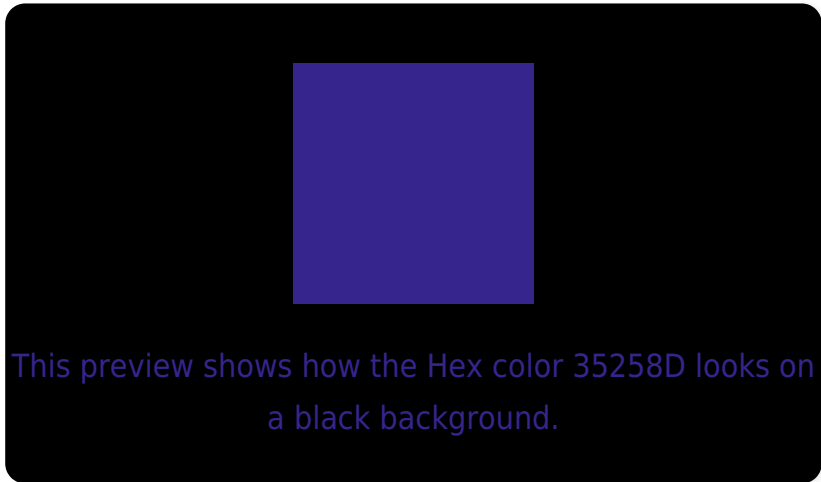
Large Text (above 18pt) WCAG AA ✓ Pass

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

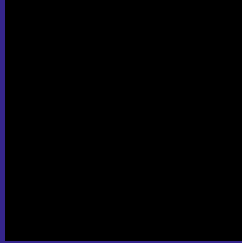
Any Text WCAG AA × Fail

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 35258D Background



This preview shows how black text looks on a background with the Hex color 35258D.



This preview shows how white text looks on a background with the Hex color 35258D.

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
35258D

Deuteranopia
003A63

Tritanopia
003F44

Trichromacy



Original Color
35258D

Deuteranomaly
133272

Tritanomaly
13365F

Monochromacy



Original Color
35258D

Achromatopsia
363636

Achromatomaly
363056

CSS Examples

Text

The CSS property to change the color of the text to Hex 35258D 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 #35258D looks like.

```
.text, #text, p{  
    color:#35258D  
}
```

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 #35258D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35258D
}
```

Border

The CSS property to change the border of an element to Hex 35258D 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".

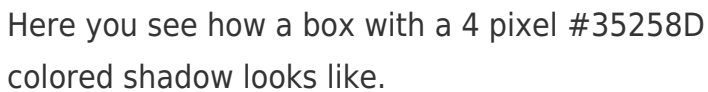
```
.border, #border, table{ border:4px solid
#35258D }
```

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

```
.border{ border-color:#35258D }
```

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

Here you see how a box with a 4 pixel #35258D 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 #35258D; -webkit-box-shadow:4px 4px  
4px 4px #35258D; box-shadow:4px 4px 4px  
4px #35258D }
```

Background

The CSS property to change the background color of an element to Hex 35258D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35258D }
```

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

```
.background{ background-color:#35258D }
```

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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