

Converting Colors

Hex(35638D)

Have a look what the booklet for
Hex(35638D) contains.

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Color

Hex(35638D)

Conversions

Conversions Part 1

Format	Color
Hex	35638D
RGB	53, 99, 141
RGB Percent	21%, 39%, 55%
CMY	0.7922, 0.6118, 0.4471
CMYK	0.62, 0.30, 0.00, 0.45
HSL	209°, 45%, 38%
HSV	209°, 62%, 55%
XYZ	10.7378, 11.6037, 26.8731
YIQ	90.0340, -40.8980, 3.3100

Conversions

Conversions Part 2

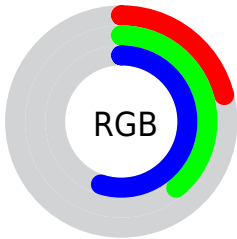
Format	Color
R_{YB}	53, 83, 141
Decimal	3498893
CIE _{Lab}	40.58, -2.17, -27.90
CIE _{LCh}	41, 27.987, 265.563
Yxy	11.6037, 0.2182, 0.2358
Android (android.graphics.Color)	4281688973 (0xFF35638D)
YUV	90.0340, 25.1262, -32.4788
Hunter-Lab	34.0641, -3.3451, -22.9288

Details

The Hex color **35638D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8D5F35**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6C96C3**, and **00355B** is the 20% darker color. If you saturate the color by 10%, you get **275C8D**, and if you desaturate by 10%, it is **436A8D**.

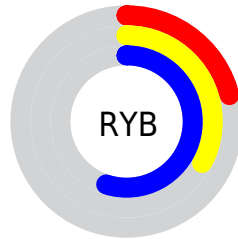
Distribution



Red (21%)

Green (39%)

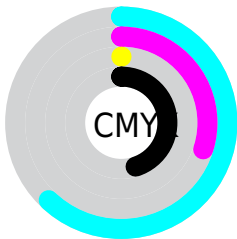
Blue (55%)



Red (21%)

Yellow (33%)

Blue (55%)

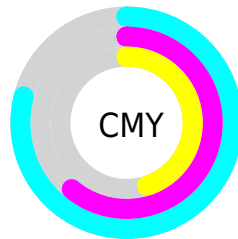


Cyan (62%)

Magenta (30%)

Yellow (0%)

Black (45%)



Cyan (79%)

Magenta (61%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35638D 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 35638D by changing the saturation by 10% instead.

■ 35638D

■ 35638D

FFFFFF

■ 154B73

■ 6C96C3

■ 00355B

■ 87B0DF

■ 002043

■ A3CCFC

■ 00072D

■ BFE8FF

■ 000117

■ DBFFFF

■ 000000

■ F9FFFF

■ 35638D

■ 35638D

■ 275C8D

■ 436A8D

■ 19568D

■ 51708D

■ 0B4F8D

■ 5F778D

■ 004A8D

■ 6D7E8D

■ 7C858D

■ 8A8B8D

■ 98928D

■ A6998D

■ B4A08D

Harmonies

Analogous

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



006985



35638D



5D5B89

Triad

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



35638D



8B4F4D



3F6945

Complementary

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



35638D



8D5F35

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.



5A6435



35638D



83553B

Square

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



35638D



894E64



715D31



1B6B5B

Rectangle

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



35638D



715580



715D31



49683F

Sweetspot

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



35638D



95A7B8



358D5E



47525C



DBDBDB



5C5C5C

Same Dimension

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



35638D



2E76B8



35388D



404447



004787



000408

Inverse Universe

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



8D3563



B82E76



8D8A35



474044



870047



080004

Previews

White Background



This preview shows how the Hex color 35638D looks on a white background.

Color Contrast Check

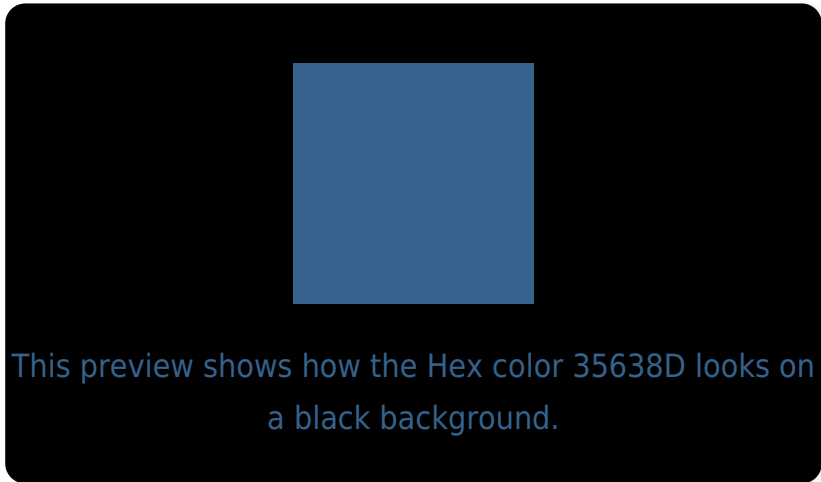
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 35638D Background



This preview shows how black text looks on a background with the Hex color 35638D.




This preview shows how white text looks on a background with the Hex color 35638D.

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](#).

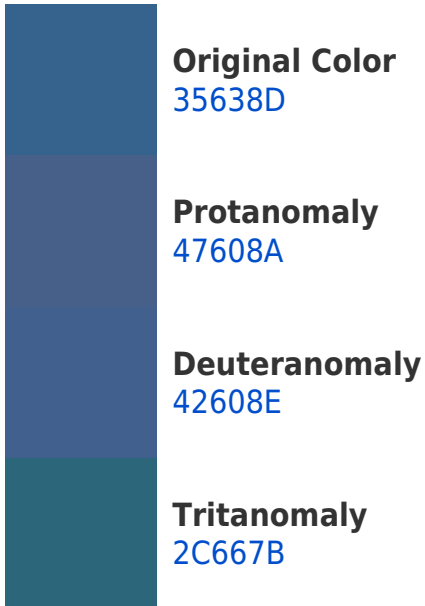
Dichromacy



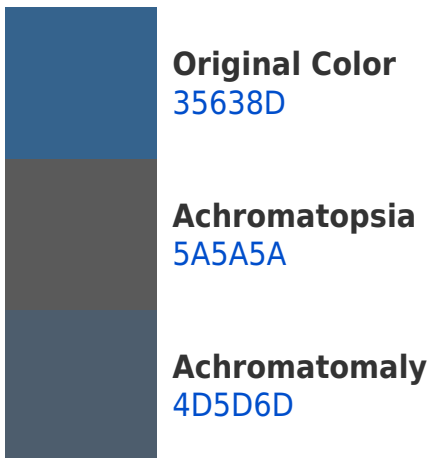


Tritanopia
276871

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 35638D 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 #35638D looks like.

```
.text, #text, p{  
    color:#35638D  
}
```

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 #35638D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35638D
}
```

Border

The CSS property to change the border of an element to Hex 35638D is called "border". The border property can be set on classes, ids or directly on the HTML element.

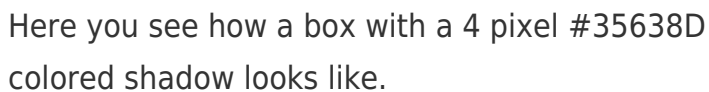
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#35638D }
```

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

```
.border{ border-color:#35638D }
```

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



Here you see how a box with a 4 pixel #35638D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35638D; -webkit-box-shadow:4px 4px  
4px 4px #35638D; box-shadow:4px 4px 4px  
4px #35638D }
```

Background

The CSS property to change the background color of an element to Hex 35638D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35638D }
```

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

```
.background{ background-color:#35638D }
```

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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