

Converting Colors

Hex(33608D)

Have a look what the booklet for
Hex(33608D) contains.

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Color

Hex(33608D)

Conversions

Conversions Part 1

Format	Color
Hex	33608D
RGB	51, 96, 141
RGB Percent	20%, 38%, 55%
CMY	0.8000, 0.6235, 0.4471
CMYK	0.64, 0.32, 0.00, 0.45
HSL	210°, 47%, 38%
HSV	210°, 64%, 55%
XYZ	10.3558, 10.9926, 26.7753
YIQ	87.6750, -41.2650, 4.4550

Conversions

Conversions Part 2

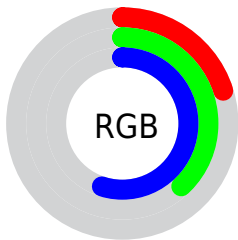
Format	Color
RYB	51, 81, 141
Decimal	3367053
CIELab	39.57, -0.71, -29.49
CIELCh	40, 29.503, 268.625
Yxy	10.9926, 0.2152, 0.2284
Android (android.graphics.Color)	4281557133 (0xFF33608D)
YUV	87.6750, 26.2892, -32.1640
Hunter-Lab	33.1551, -2.2680, -24.6725

Details

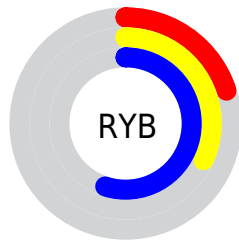
The Hex color **33608D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8D6033**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6A92C3**, and **00325A** is the 20% darker color. If you saturate the color by 10%, you get **25598D**, and if you desaturate by 10%, it is **41678D**.

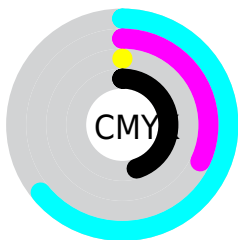
Distribution



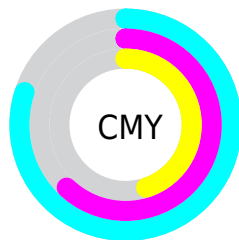
- Red (20%)
- Green (38%)
- Blue (55%)



- Red (20%)
- Yellow (32%)
- Blue (55%)



- Cyan (64%)
- Magenta (32%)
- Yellow (0%)
- Black (45%)



- Cyan (80%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33608D 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 33608D by changing the saturation by 10% instead.

■ 33608D

■ 33608D

FFFFFF

■ 124873

■ 6A92C3

■ 00325A

■ 85ADDF

■ 001E43

■ A1C8FC

■ 00032D

■ BDE4FF

■ 000117

■ DAFFFF

■ 000000

■ F7FFFF

■ 33608D

■ 33608D

■ 25598D

■ 41678D

■ 17528D

■ 4F6E8D

■ 094B8D

■ 5D758D

■ 00478D

■ 6B7C8D

■ 7A838D

■ 888A8D

■ 96918D

■ A4988D

■ B29F8D

Harmonies

Analogous

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



006686



33608D



5E5787

Triad

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



33608D



8A4C47



376743

Complementary

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



33608D



8D6033

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.



556332



33608D



805335

Square

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



33608D



894A5F



6D5B2C



036A5B

Rectangle

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



33608D



72517D



6D5B2C



42663C

Sweetspot

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



33608D



95A6B8



338D60



47515C



DBDBDB



5C5C5C

Same Dimension

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



33608D



2A71B8



33338D



404447



004487



000408

Inverse Universe

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



8D3360



B82A71



8D8D33



474044



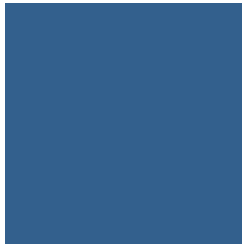
870044



080004

Previews

White Background



This preview shows how the Hex color 33608D looks on a white background.

Color Contrast Check

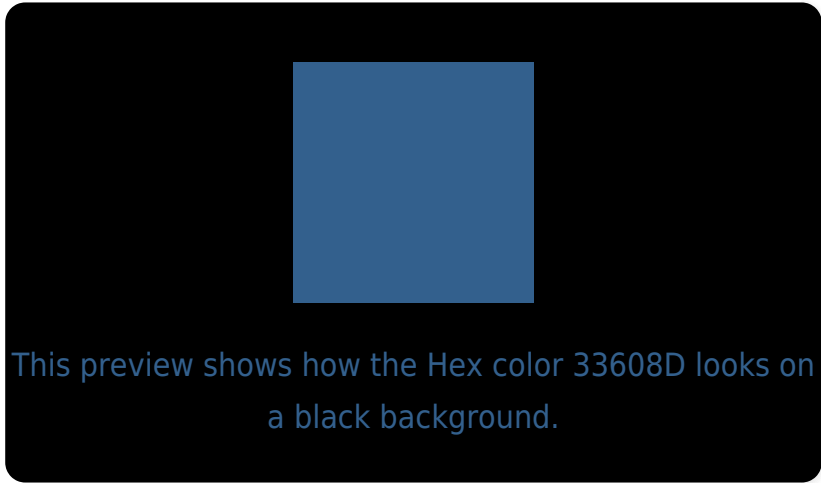
Large Text (above 18pt) WCAG AA ✓ Pass

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

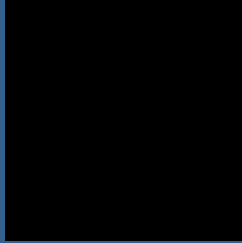
Any Text WCAG AA × Fail

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 33608D Background



This preview shows how black text looks on a background with the Hex color 33608D.




This preview shows how white text looks on a background with the Hex color 33608D.

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
23666E

Trichromacy



Original Color
33608D

Protanomaly
445D8A

Deuteranomaly
3E5E8E

Tritanomaly
296479

Monochromacy



Original Color
33608D

Achromatopsia
585858

Achromatomaly
4B5B6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 33608D 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 #33608D looks like.

```
.text, #text, p{  
    color:#33608D  
}
```

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 #33608D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33608D
}
```

Border

The CSS property to change the border of an element to Hex 33608D 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
#33608D }
```

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

```
.border{ border-color:#33608D }
```

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

Here you see how a box with a 4 pixel #33608D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33608D; -webkit-box-shadow:4px 4px  
4px 4px #33608D; box-shadow:4px 4px 4px  
4px #33608D }
```

Background

The CSS property to change the background color of an element to Hex 33608D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33608D }
```

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

```
.background{ background-color:#33608D }
```

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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