

Converting Colors

Hex(33608A)

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

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Color

Hex(33608A)

Conversions

Conversions Part 1

Format	Color
Hex	33608A
RGB	51, 96, 138
RGB Percent	20%, 38%, 54%
CMY	0.8000, 0.6235, 0.4588
CMYK	0.63, 0.30, 0.00, 0.46
HSL	209°, 46%, 37%
HSV	209°, 63%, 54%
XYZ	10.1356, 10.9045, 25.6153
YIQ	87.3330, -40.3020, 3.5220

Conversions

Conversions Part 2

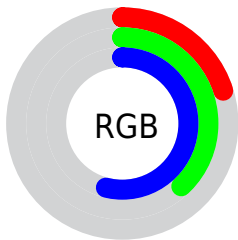
Format	Color
RYB	51, 81, 138
Decimal	3367050
CIELab	39.42, -1.77, -27.91
CIELCh	39, 27.971, 266.369
Yxy	10.9045, 0.2172, 0.2337
Android (android.graphics.Color)	4281557130 (0xFF33608A)
YUV	87.3330, 24.9788, -31.8640
Hunter-Lab	33.0220, -3.0009, -22.8762

Details

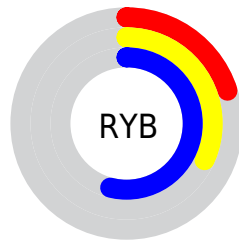
The Hex color **33608A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8A5D33**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6A92C0**, and **003258** is the 20% darker color. If you saturate the color by 10%, you get **25598A**, and if you desaturate by 10%, it is **41678A**.

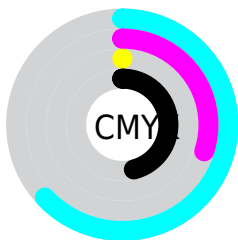
Distribution



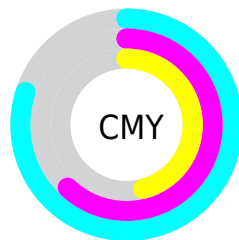
- Red (20%)
- Green (38%)
- Blue (54%)



- Red (20%)
- Yellow (32%)
- Blue (54%)



- Cyan (63%)
- Magenta (30%)
- Yellow (0%)
- Black (46%)



- Cyan (80%)
- Magenta (62%)
- Yellow (46%)

Brightness & Saturation Gradients

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



33608A



33608A

FFFFFF



134870



6A92C0



003258



85ADDC



001D40



A0C8F8



00032A



BCE4FF



000114



D9FFFF



000000



F6FFFF



33608A



33608A



25598A



41678A

■ 17538A

■ 4F6D8A

■ 0A4C8A

■ 5C748A

■ 00478A

■ 6A7B8A

■ 78818A

■ 86888A

■ 948F8A

■ A1958A

■ AF9C8A

Harmonies

Analogous

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



006682



33608A



5B5886

Triad

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



33608A



884C4A



3B6643

Complementary

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



33608A



8A5D33

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.



576233



33608A



7F5238

Square

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



33608A



864B61



6E5B2F



156959

Rectangle

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



33608A



6F527C



6E5B2F



45653D

Sweetspot

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



33608A



91A2B3



338A5C



454F59



D9D9D9



595959

Same Dimension

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



33608A



2B71B3



33368A



3E4245



004585



000305

Inverse Universe

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



8A3360



B32B71



8A8733



453E42



850045



050003

Previews

White Background



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

Color Contrast Check

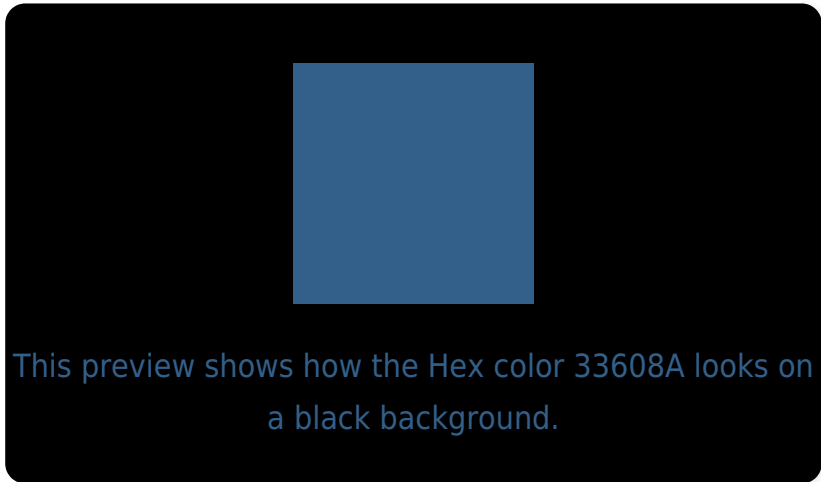
Large Text (above 18pt) WCAG AA ✓ Pass

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 33608A Background



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



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

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



Trichromacy



Original Color
33608A

Protanomaly
455D87

Deuteranomaly
405D8B

Tritanomaly
2A6378

Monochromacy



Original Color
33608A

Achromatopsia
575757

Achromatomaly
4A5A6A

CSS Examples

Text

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

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

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 #33608A colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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