

Converting Colors

Hex(6308A3)

Have a look what the booklet for
Hex(6308A3) contains.

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Color

Hex(6308A3)

Conversions

Conversions Part 1

Format	Color
Hex	6308A3
RGB	99, 8, 163
RGB Percent	39%, 3%, 64%
CMY	0.6118, 0.9686, 0.3608
CMYK	0.39, 0.95, 0.00, 0.36
HSL	275°, 91%, 34%
HSV	275°, 95%, 64%
XYZ	11.8433, 5.4707, 35.0821
YIQ	52.8790, 4.4810, 67.4970

Conversions

Conversions Part 2

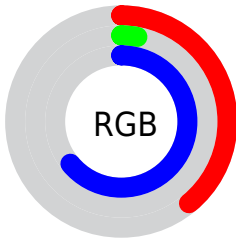
Format	Color
RYB	99, 8, 163
Decimal	6490275
CIELab	28.04, 59.93, -61.19
CIElCh	28, 85.645, 314.404
Yxy	5.4707, 0.2260, 0.1044
Android (android.graphics.Color)	4284680355 (0xFF6308A3)
YUV	52.8790, 54.2897, 40.4481
Hunter-Lab	23.3894, 49.4523, -72.5571

Details

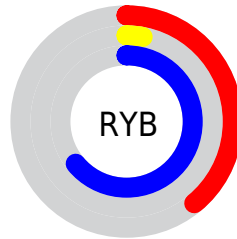
The Hex color **6308A3** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **48A308**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **9C48DB**, and **27006E** is the 20% darker color. If you saturate the color by 10%, you get **6000A3**, and if you desaturate by 10%, it is **6A18A3**.

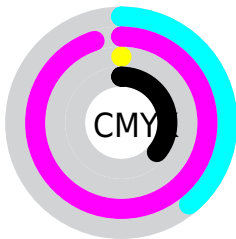
Distribution



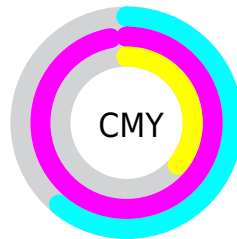
- Red (39%)
- Green (3%)
- Blue (64%)



- Red (39%)
- Yellow (3%)
- Blue (64%)



- Cyan (39%)
- Magenta (95%)
- Yellow (0%)
- Black (36%)



- Cyan (61%)
- Magenta (97%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6308A3 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 6308A3 by changing the saturation by 10% instead.

6308A3

6308A3

FFFFFF

460088

9C48DB

27006E

B963F8

030055

D67EFF

00003C

F499FF

000226

FFB5FF

00010E

FFD2FF

000000

FFEFFF

6308A3

6308A3

■ 6000A3

■ 6A18A3

■ 7029A3

■ 7739A3

■ 7E49A3

■ 8559A3

■ 8B6AA3

■ 927AA3

■ 998AA3

■ A09BA3

Harmonies

Analogous

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



0043C7



6308A3



9F0067

Triad

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



6308A3



6D3200



005962

Complementary

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



6308A3



48A308

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.



00571B



6308A3



344900

Square

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



6308A3



960000



005300



005AA0

Rectangle

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



6308A3



AB003C



005300



00584B

Sweetspot

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



6308A3



BA96D4



0849A3



5C466B



EBEBEB



6B6B6B

Same Dimension

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



6308A3



7C00D4



A30896



4E4952



550091



0A0012

Inverse Universe

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



A30848



D40057



08A315



52494D



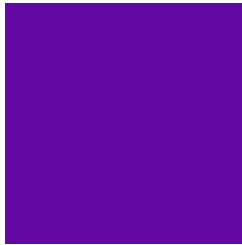
91003C



120007

Previews

White Background



This preview shows how the Hex color 6308A3 looks on a white background.

Color Contrast Check

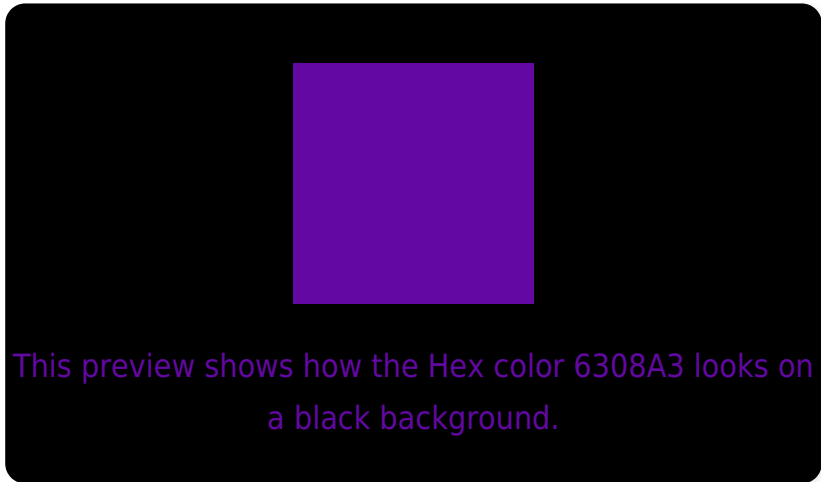
Large Text (above 18pt) WCAG AA ✓ Pass

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

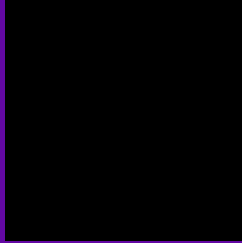
Any Text WCAG AA × Fail

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 6308A3 Background



This preview shows how black text looks on a background with the Hex color 6308A3.



This preview shows how white text looks on a background with the Hex color 6308A3.

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
6308A3

Protanopia
00428B

Deuteranopia
004677



Tritanopia
4F4045

Trichromacy



Original Color
6308A3

Protanomaly
242D94

Deuteranomaly
242F87

Tritanomaly
562C67

Monochromacy



Original Color
6308A3

Achromatopsia
353535

Achromatomaly
46255D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6308A3 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 #6308A3 looks like.

```
.text, #text, p{  
    color:#6308A3  
}
```

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 #6308A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6308A3
}
```

Border

The CSS property to change the border of an element to Hex 6308A3 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
#6308A3 }
```

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

```
.border{ border-color:#6308A3 }
```

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

Here you see how a box with a 4 pixel #6308A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6308A3; -webkit-box-shadow:4px 4px  
4px 4px #6308A3; box-shadow:4px 4px 4px  
4px #6308A3 }
```

Background

The CSS property to change the background color of an element to Hex 6308A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6308A3 }
```

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

```
.background{ background-color:#6308A3 }
```

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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