

Converting Colors

Hex(0633A9)

Have a look what the booklet for
Hex(0633A9) contains.

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Color

Hex(0633A9)

Conversions

Conversions Part 1

Format	Color
Hex	0633A9
RGB	6, 51, 169
RGB Percent	2%, 20%, 66%
CMY	0.9765, 0.8000, 0.3373
CMYK	0.96, 0.70, 0.00, 0.34
HSL	223°, 93%, 34%
HSV	223°, 96%, 66%
XYZ	8.4204, 5.2709, 38.1097
YIQ	50.9970, -64.6980, 27.1580

Conversions

Conversions Part 2

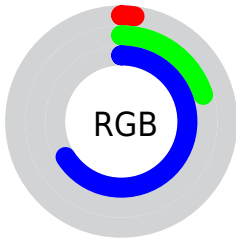
Format	Color
RYB	6, 41, 169
Decimal	406441
CIELab	27.49, 35.42, -65.96
CIElCh	27, 74.870, 298.239
Yxy	5.2709, 0.1626, 0.1018
Android (android.graphics.Color)	4278596521 (0xFF0633A9)
YUV	50.9970, 58.1755, -39.4624
Hunter-Lab	22.9585, 25.2899, -82.3467

Details

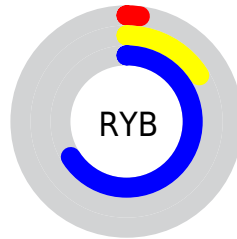
The Hex color **0633A9** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A97C06**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **5D61E1**, and **000C73** is the 20% darker color. If you saturate the color by 10%, you get **002FA9**, and if you desaturate by 10%, it is **173FA9**.

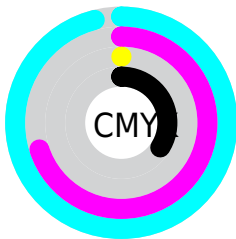
Distribution



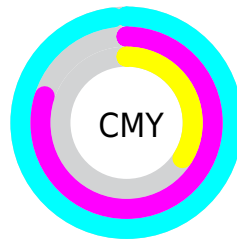
- Red (2%)
- Green (20%)
- Blue (66%)



- Red (2%)
- Yellow (16%)
- Blue (66%)



- Cyan (96%)
- Magenta (70%)
- Yellow (0%)
- Black (34%)



- Cyan (98%)
- Magenta (80%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0633A9 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 0633A9 by changing the saturation by 10% instead.

■ 0633A9

■ 0633A9

FFFFFF

■ 001E8E

■ 5D61E1

■ 000C73

■ 7C7AFF

■ 00005A

■ 9A94FF

■ 000741

■ B7AFFF

■ 00032A

■ D5CAFF

■ 000115

■ F4E6FF

■ 000000

■ 0633A9

■ 0633A9

■ 002FA9

■ 173FA9

■ 284BA9

■ 3958A9

■ 4A64A9

■ 5A70A9

■ 6B7CA9

■ 7C89A9

■ 8D95A9

■ 9EA1A9

Harmonies

Analogous

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



004BB7



0633A9



7E007F

Triad

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



0633A9



7D1E00



00553C

Complementary

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



0633A9



A97C06

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.



005200



0633A9



533E00

Square

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



0633A9



980010



114C00



005677

Rectangle

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



0633A9



96005A



114C00



005427

Sweetspot

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



0633A9



9CADDB



06A97B



47526E



EDEDED



6E6E6E

Same Dimension

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



0633A9



003DDB



2906A9



4C4E54



002994



000614

Inverse Universe

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



A90633



DB003D



86A906



544C4E



940029



140006

Previews

White Background



This preview shows how the Hex color 0633A9 looks on a white background.

Color Contrast Check

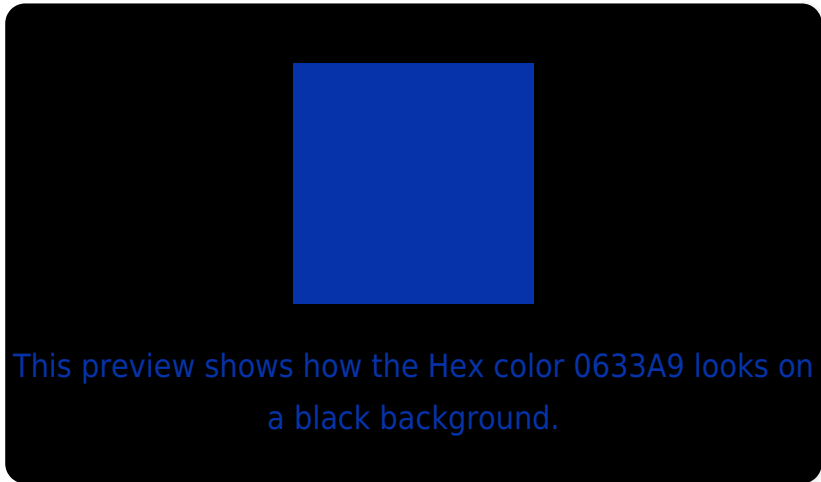
Large Text (above 18pt) WCAG AA ✓ Pass

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

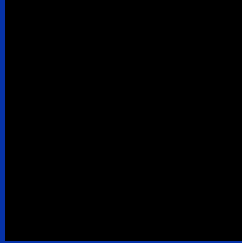
Any Text WCAG AA × Fail

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 0633A9 Background



This preview shows how black text looks on a background with the Hex color 0633A9.



This preview shows how white text looks on a background with the Hex color 0633A9.

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
0633A9

Protanopia
003F85

Deuteranopia
004371



Tritanopia
00484C

Trichromacy



Original Color
0633A9

Protanomaly
023B92

Deuteranomaly
023D85

Tritanomaly
02406E

Monochromacy



Original Color
0633A9

Achromatopsia
333333

Achromatomaly
23335E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0633A9 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 #0633A9 looks like.

```
.text, #text, p{  
    color:#0633A9  
}
```

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 #0633A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0633A9
}
```

Border

The CSS property to change the border of an element to Hex 0633A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

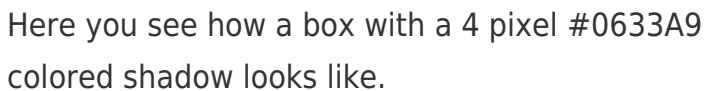
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0633A9 }
```

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

```
.border{ border-color:#0633A9 }
```

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



Here you see how a box with a 4 pixel #0633A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0633A9; -webkit-box-shadow:4px 4px  
4px 4px #0633A9; box-shadow:4px 4px 4px  
4px #0633A9 }
```

Background

The CSS property to change the background color of an element to Hex 0633A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0633A9 }
```

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

```
.background{ background-color:#0633A9 }
```

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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