

Converting Colors

Hex(7668A3)

Have a look what the booklet for
Hex(7668A3) contains.

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Color

Hex(7668A3)

Conversions

Conversions Part 1

Format	Color
Hex	7668A3
RGB	118, 104, 163
RGB Percent	46%, 41%, 64%
CMY	0.5373, 0.5922, 0.3608
CMYK	0.28, 0.36, 0.00, 0.36
HSL	254°, 24%, 52%
HSV	254°, 36%, 64%
XYZ	19.0324, 16.3965, 36.8121
YIQ	114.9120, -10.5950, 21.3170

Conversions

Conversions Part 2

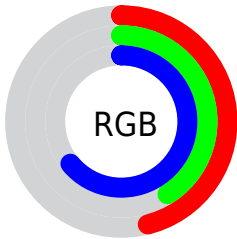
Format	Color
R_{YB}	118, 104, 163
Decimal	7760035
CIE _{Lab}	47.49, 18.85, -29.86
CIE _{LCh}	47, 35.316, 302.267
Yxy	16.3965, 0.2635, 0.2270
Android (android.graphics.Color)	4285950115 (0xFF7668A3)
YUV	114.9120, 23.7074, 2.7082
Hunter-Lab	40.4926, 13.0367, -25.5560

Details

The Hex color **7668A3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **95A368**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **AB9BDA**, and **44396F** is the 20% darker color. If you saturate the color by 10%, you get **6A58A3**, and if you desaturate by 10%, it is **8278A3**.

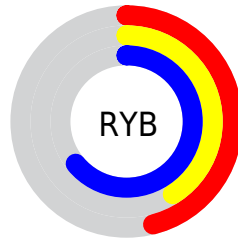
Distribution



Red (46%)

Green (41%)

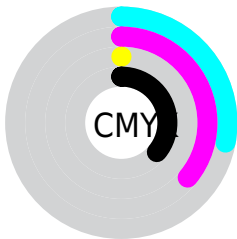
Blue (64%)



Red (46%)

Yellow (41%)

Blue (64%)

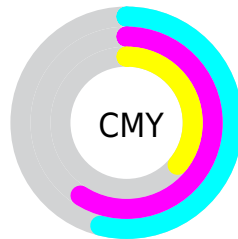


Cyan (28%)

Magenta (36%)

Yellow (0%)

Black (36%)



Cyan (54%)

Magenta (59%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7668A3 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 7668A3 by changing the saturation by 10% instead.

■ 7668A3

■ 7668A3

FFFFFF

■ 5C5089

■ AB9BDA

■ 44396F

■ C7B6F7

■ 2B2356

■ E3D2FF

■ 130F3F

■ FFEEFF

■ 000028

■ 000112

■ 000000

■ 7668A3

■ 7668A3

■ 6A58A3

■ 8278A3

■ 5D47A3

■ 8F89A3

■ 5137A3

■ 9B99A3

■ 4427A3

■ A8A9A3

■ 3816A3

■ B4BAA3

■ 2B06A3

■ C1CAA3

■ 2700A3

■ CDDAA3

■ D9EAA3

■ E6FBA3

Harmonies

Analogous

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



4273AC



7668A3



975D8D

Triad

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



7668A3



99653C



008072

Complementary

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



7668A3



95A368

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.



3B7E54



7668A3



807034

Square

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



7668A3



A75B52



62783D



007F8F

Rectangle

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



7668A3



A4597A



62783D



107F68

Sweetspot

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



7668A3



C2BCD4



6895A3



605D6B



EBEBEB



6B6B6B

Same Dimension

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



7668A3



8E79D4



9368A3



4B4952



220091



040012

Inverse Universe

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



A36895



D479BE



78A368



524950



91006F



12000E

Previews

White Background



This preview shows how the Hex color 7668A3 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



This preview shows how the Hex color 7668A3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

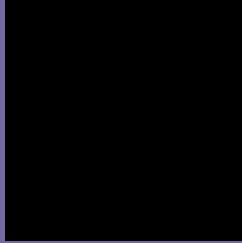
Any Text WCAG AA × Fail

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 7668A3 Background



This preview shows how black text looks on a background with the Hex color 7668A3.



This preview shows how white text looks on a background with the Hex color 7668A3.

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
7668A3

Protanopia
5D6FA9

Deuteranopia
5E70A1



Tritanopia
6E7179

Trichromacy



Original Color
7668A3

Protanomaly
666CA7

Deuteranomaly
676DA2

Tritanomaly
716E88

Monochromacy



Original Color
7668A3

Achromatopsia
737373

Achromatomaly
746F84

CSS Examples

Text

The CSS property to change the color of the text to Hex 7668A3 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 #7668A3 looks like.

```
.text, #text, p{  
    color:#7668A3  
}
```

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 #7668A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7668A3
}
```

Border

The CSS property to change the border of an element to Hex 7668A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

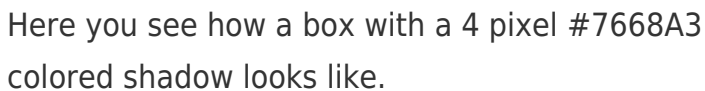
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7668A3 }
```

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

```
.border{ border-color:#7668A3 }
```

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



Here you see how a box with a 4 pixel #7668A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7668A3; -webkit-box-shadow:4px 4px  
4px 4px #7668A3; box-shadow:4px 4px 4px  
4px #7668A3 }
```

Background

The CSS property to change the background color of an element to Hex 7668A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7668A3 }
```

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

```
.background{ background-color:#7668A3 }
```

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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