

Converting Colors

Hex(768DA3)

Have a look what the booklet for
Hex(768DA3) contains.

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Color

Hex(768DA3)

Conversions

Conversions Part 1

Format	Color
Hex	768DA3
RGB	118, 141, 163
RGB Percent	46%, 55%, 64%
CMY	0.5373, 0.4471, 0.3608
CMYK	0.28, 0.13, 0.00, 0.36
HSL	209°, 20%, 55%
HSV	209°, 28%, 64%
XYZ	23.6069, 25.5456, 38.3369
YIQ	136.6310, -20.7700, 1.9660

Conversions

Conversions Part 2

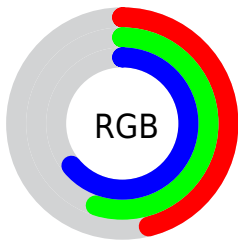
Format	Color
R_{YB}	118, 133, 163
Decimal	7769507
CIE _{Lab}	57.60, -2.96, -14.32
CIE _{LCh}	58, 14.627, 258.322
Yxy	25.5456, 0.2698, 0.2920
Android (android.graphics.Color)	4285959587 (0xFF768DA3)
YUV	136.6310, 12.9999, -16.3394
Hunter-Lab	50.5427, -5.0778, -9.5919

Details

The Hex color **768DA3** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **A38C76**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **ABC3DA**, and **445B6F** is the 20% darker color. If you saturate the color by 10%, you get **6685A3**, and if you desaturate by 10%, it is **8695A3**.

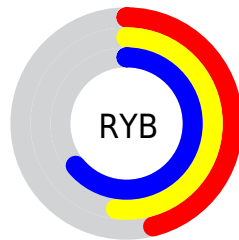
Distribution



Red (46%)

Green (55%)

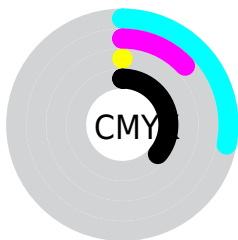
Blue (64%)



Red (46%)

Yellow (52%)

Blue (64%)

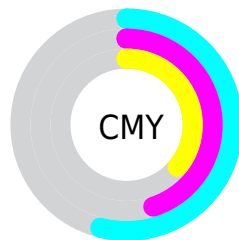


Cyan (28%)

Magenta (13%)

Yellow (0%)

Black (36%)



Cyan (54%)

Magenta (45%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 768DA3 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 768DA3 by changing the saturation by 10% instead.



768DA3



768DA3

FFFFFF



5D7389



ABC3DA



445B6F



C7DEF6



2C4457



E3FBFF



152D40



001929



000115



000000



768DA3



768DA3



6685A3



8695A3

■ 557DA3

■ 979DA3

■ 4575A3

■ A7A5A3

■ 356DA3

■ B7ADA3

■ 2565A3

■ C8B5A3

■ 145DA3

■ D8BDA3

■ 0455A3

■ E8C5A3

■ 0053A3

■ F8CDA3

■ FFD5A3

Harmonies

Analogous

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



6B909D



768DA3



8689A2

Triad

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



768DA3



A58283



7D8F79

Complementary

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



768DA3



A38C76

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.



8C8C72



768DA3



A28478

Square

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



768DA3



A18290



998872



709185

Rectangle

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



768DA3



91869E



998872



828E76

Sweetspot

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



768DA3



C3CBD4



76A38C



60666B



EBEBEB



6B6B6B

Same Dimension

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



768DA3



8EB2D4



7677A3



494E52



004A91



000912

Inverse Universe

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



A3768D



D48EB2



A3A276



52494E



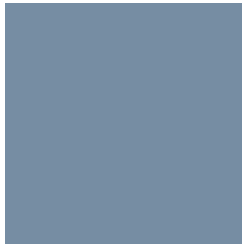
91004A



120009

Previews

White Background



This preview shows how the Hex color 768DA3 looks on a white background.

Color Contrast Check

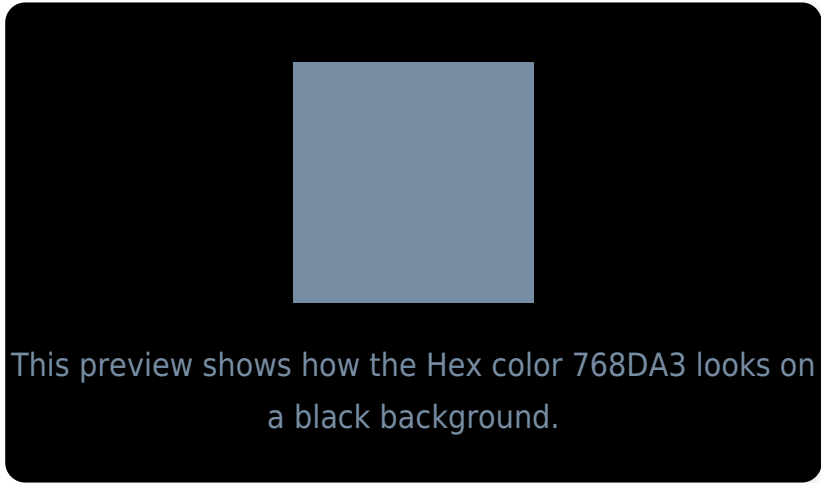
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

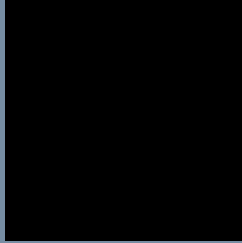
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

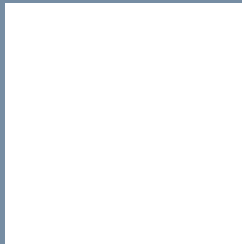
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 768DA3 Background



This preview shows how black text looks on a background with the Hex color 768DA3.



This preview shows how white text looks on a background with the Hex color 768DA3.

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
748F9A

Trichromacy



Original Color
768DA3

Protanomaly
808AA1

Deuteranomaly
8389A4

Tritanomaly
758E9D

Monochromacy



Original Color
768DA3

Achromatopsia
898989

Achromatomaly
828A92

CSS Examples

Text

The CSS property to change the color of the text to Hex 768DA3 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 #768DA3 looks like.

```
.text, #text, p{  
    color:#768DA3  
}
```

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 #768DA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #768DA3  
}
```

Border

The CSS property to change the border of an element to Hex 768DA3 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  
#768DA3 }
```

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

```
.border{ border-color:#768DA3 }
```

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

Here you see how a box with a 4 pixel #768DA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #768DA3; -webkit-box-shadow:4px 4px  
4px 4px #768DA3; box-shadow:4px 4px 4px  
4px #768DA3 }
```

Background

The CSS property to change the background color of an element to Hex 768DA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#768DA3 }
```

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

```
.background{ background-color:#768DA3 }
```

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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