

# Converting Colors

Hex(7684A2)

Have a look what the booklet for  
Hex(7684A2) contains.

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# Color

**Hex(7684A2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7684A2
RGB	118, 132, 162
RGB Percent	46%, 52%, 64%
CMY	0.5373, 0.4824, 0.3647
CMYK	0.27, 0.19, 0.00, 0.36
HSL	221°, 19%, 55%
HSV	221°, 27%, 64%
XYZ	22.2441, 22.9627, 37.4423
YIQ	131.2340, -17.9740, 6.3620

# Conversions

## Conversions Part 2

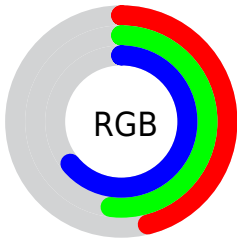
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 129, 162
Decimal	7767202
CIE Lab	55.03, 1.95, -17.65
CIE LCh	55, 17.754, 276.291
Yxy	22.9627, 0.2691, 0.2778
Android (android.graphics.Color)	4285957282 (0xFF7684A2)
YUV	131.2340, 15.1676, -11.6062
Hunter-Lab	47.9194, -0.9998, -12.7832

# Details

The Hex color **7684A2** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **A29476**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **ABB9D9**, and **44536E** is the 20% darker color. If you saturate the color by 10%, you get **6679A2**, and if you desaturate by 10%, it is **868FA2**.

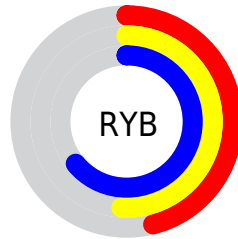
# Distribution



Red (46%)

Green (52%)

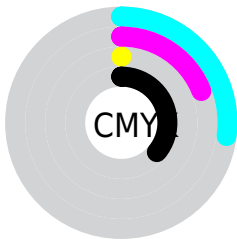
Blue (64%)



Red (46%)

Yellow (51%)

Blue (64%)

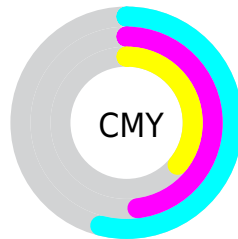


Cyan (27%)

Magenta (19%)

Yellow (0%)

Black (36%)



Cyan (54%)

Magenta (48%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7684A2 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 7684A2 by changing the saturation by 10% instead.



■ 7684A2

■ 7684A2

FFFFFF

■ 5D6B88

■ ABB9D9

■ 44536E

■ C6D5F5

■ 2D3C56

■ E3F1FF

■ 15263F

■ 001129

■ 000113

■ 000000

■ 7684A2

■ 7684A2

■ 6679A2

■ 868FA2

■ 566EA2

■ 969AA2

■ 4563A2

■ A7A5A2

■ 3558A2

■ B7B0A2

■ 254DA2

■ C7BBA2

■ 1542A2

■ D7C6A2

■ 0537A2

■ E7D1A2

■ 0034A2

■ F8DCA2

■ FFE7A2

# Harmonies

## Analogous

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



63899F



7684A2



8A7F9C

# Triad

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



7684A2



A27A72



6A8B77

# Complementary

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



7684A2



A29476

# 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.



7B886B



7684A2



9A7F68

# Square

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



7684A2



A37981



8C8465



5C8D87

# Rectangle

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



7684A2



967C95



8C8465



6F8B72



# Sweetspot

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



7684A2



C3C8D4



76A293



60646B



EBEBEB



6B6B6B



# Same Dimension

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



7684A2



8EA4D4



7D76A2



494C52



002E91



000612



# Inverse Universe

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



A27684



D48EA4



9BA276



52494C



91002E

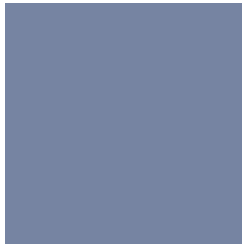


120006



# Previews

## White Background



This preview shows how the Hex color 7684A2 looks on a white background.

## Color Contrast Check

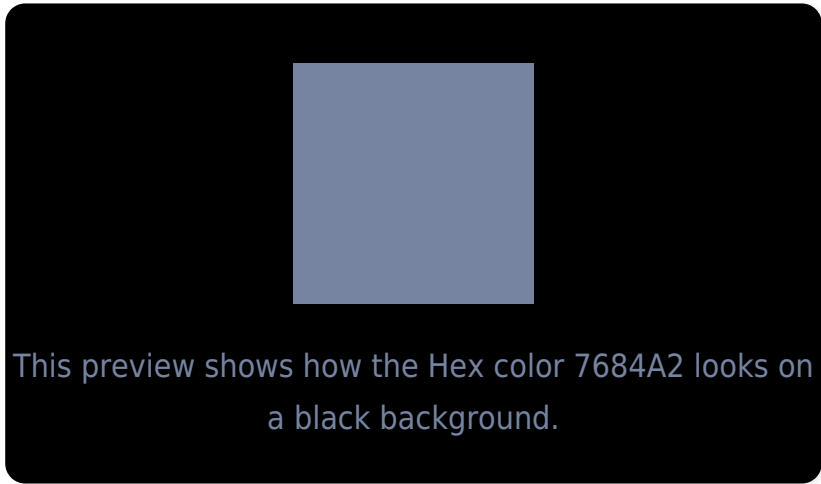
Large Text (above 18pt) WCAG AA ✓ Pass

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

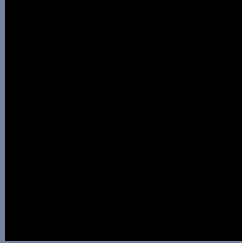
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

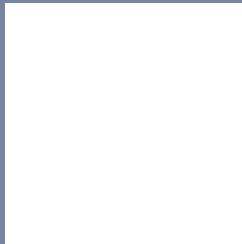
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7684A2 Background



This preview shows how black text looks on a background with the Hex color 7684A2.



This preview shows how white text looks on a background with the Hex color 7684A2.

# 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**

7684A2

**Protanopia**

7D82A1

**Deuteranopia**

8081A3



**Tritanopia**  
738792

# Trichromacy



**Original Color**

7684A2

**Protanomaly**

7A83A1

**Deuteranomaly**

7C82A3

**Tritanomaly**

748698

# Monochromacy



**Original Color**

7684A2

**Achromatopsia**

838383

**Achromatomaly**

7E838E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7684A2 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 #7684A2 looks like.

```
.text, #text, p{  
    color:#7684A2  
}
```

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 #7684A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7684A2
}
```

## Border

The CSS property to change the border of an element to Hex 7684A2 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
#7684A2 }
```

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

```
.border{ border-color:#7684A2 }
```

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

Here you see how a box with a 4 pixel #7684A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7684A2; -webkit-box-shadow:4px 4px  
4px 4px #7684A2; box-shadow:4px 4px 4px  
4px #7684A2 }
```

# Background

The CSS property to change the background color of an element to Hex 7684A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7684A2 }
```

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

```
.background{ background-color:#7684A2 }
```

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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