

# Converting Colors

Hex(6788B8)

Have a look what the booklet for  
Hex(6788B8) contains.

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# Color

Hex(6788B8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6788B8
RGB	103, 136, 184
RGB Percent	40%, 53%, 72%
CMY	0.5961, 0.4667, 0.2784
CMYK	0.44, 0.26, 0.00, 0.28
HSL	216°, 36%, 56%
HSV	216°, 44%, 72%
XYZ	23.0494, 23.9526, 48.7559
YIQ	131.6050, -35.0760, 7.9320

# Conversions

## Conversions Part 2

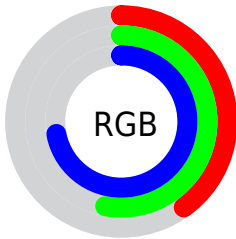
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 126, 184
Decimal	6785208
CIE Lab	56.04, 1.28, -28.80
CIE LCh	56, 28.831, 272.549
Yxy	23.9526, 0.2407, 0.2501
Android (android.graphics.Color)	4284975288 (0xFF6788B8)
YUV	131.6050, 25.8307, -25.0866
Hunter-Lab	48.9414, -1.5811, -24.8063

# Details

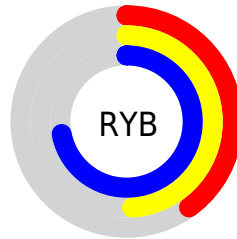
The Hex color **6788B8** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B89767**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **9DBDF0**, and **315783** is the 20% darker color. If you saturate the color by 10%, you get **557DB8**, and if you desaturate by 10%, it is **7993B8**.

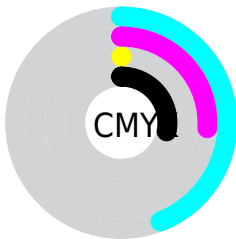
# Distribution



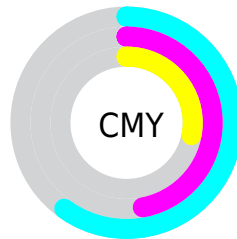
- Red (40%)
- Green (53%)
- Blue (72%)



- Red (40%)
- Yellow (49%)
- Blue (72%)



- Cyan (44%)
- Magenta (26%)
- Yellow (0%)
- Black (28%)



- Cyan (60%)
- Magenta (47%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6788B8 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 6788B8 by changing the saturation by 10% instead.





6788B8



6788B8

FFFFFF



4C6F9D



9DBDF0



315783



B9D9FF



123F69



D6F5FF



002A51



F3FFFF



00163A



000224



00000B



000000



6788B8



6788B8

■ 557DB8

■ 7993B8

■ 4272B8

■ 8C9EB8

■ 3067B8

■ 9EA9B8

■ 1D5CB8

■ B1B4B8

■ 0B51B8

■ C3BFB8

■ 004BB8

■ D5C9B8

■ E8D4B8

■ FADFB8

■ FFEAB8

# Harmonies

## Analogous

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



408FB2



6788B8



8C7FB1

# Triad

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



6788B8



B6766D



5D926E

# Complementary

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



6788B8



B89767

# 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.



7B8D5B



6788B8



AA7D5B

# Square

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



6788B8



B67385



958554



3E9488

# Rectangle

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



6788B8



A079A5



958554



679067



# Sweetspot

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



6788B8



D1DDF0



67B896



656C78



F7F7F7



787878



# Same Dimension

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



6788B8



71A4F0



6E67B8



53565C



003F9C



000B1C



# Inverse Universe

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



B86788



F071A4



B1B867



5C5356



9C003F

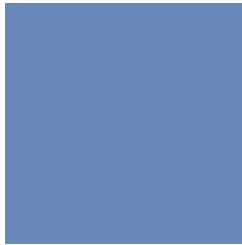


1C000B



# Previews

## White Background



This preview shows how the Hex color 6788B8 looks on a white background.

## Color Contrast Check

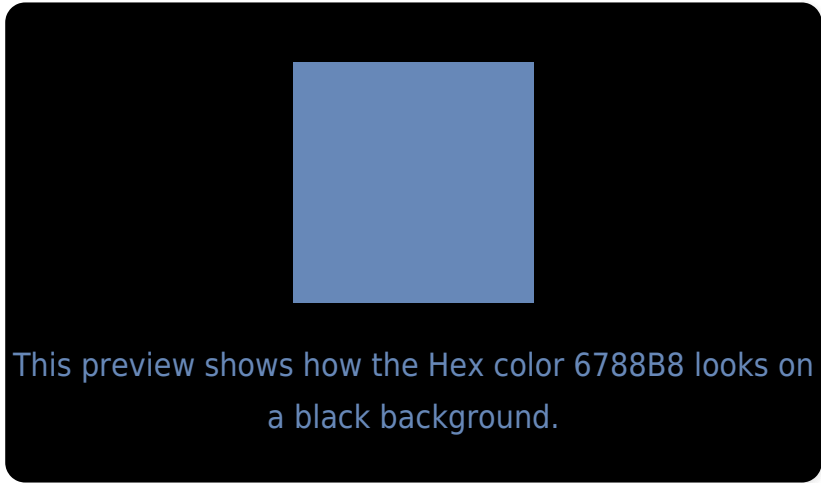
Large Text (above 18pt) WCAG AA ✓ Pass

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

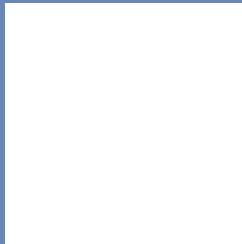
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6788B8 Background



This preview shows how black text looks on a background with the Hex color 6788B8.



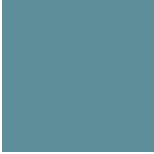
This preview shows how white text looks on a background with the Hex color 6788B8.

# 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](#).

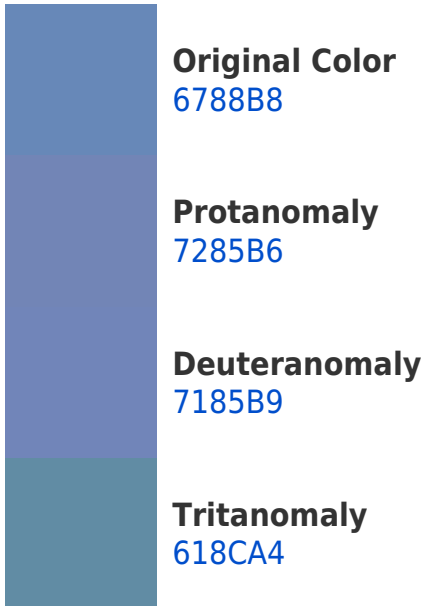
## Dichromacy





**Tritanopia**  
5E8E99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6788B8 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 #6788B8 looks like.

```
.text, #text, p{  
    color:#6788B8  
}
```

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 #6788B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6788B8
}
```

## Border

The CSS property to change the border of an element to Hex 6788B8 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
#6788B8 }
```

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

```
.border{ border-color:#6788B8 }
```

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

Here you see how a box with a 4 pixel #6788B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6788B8; -webkit-box-shadow:4px 4px  
4px 4px #6788B8; box-shadow:4px 4px 4px  
4px #6788B8 }
```

# Background

The CSS property to change the background color of an element to Hex 6788B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6788B8 }
```

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

```
.background{ background-color:#6788B8 }
```

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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