

# Converting Colors

Hex(1C648C)

Have a look what the booklet for  
Hex(1C648C) contains.

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# Color

Hex(1C648C)

# Conversions

## Conversions Part 1

Format	Color
Hex	1C648C
RGB	28, 100, 140
RGB Percent	11%, 39%, 55%
CMY	0.8902, 0.6078, 0.4510
CMYK	0.80, 0.29, 0.00, 0.45
HSL	201°, 67%, 33%
HSV	201°, 80%, 55%
XYZ	9.7697, 11.2547, 26.4684
YIQ	83.0320, -55.7520, -2.8240

# Conversions

## Conversions Part 2

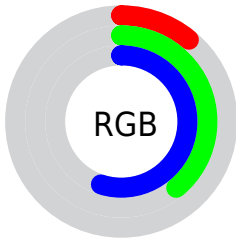
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	28, 72, 140
Decimal	1860748
CIE Lab	40.01, -7.19, -28.26
CIE LCh	40, 29.158, 255.726
Yxy	11.2547, 0.2057, 0.2370
Android (android.graphics.Color)	4280050828 (0xFF1C648C)
YUV	83.0320, 28.0852, -48.2631
Hunter-Lab	33.5480, -6.7270, -23.2945

# Details

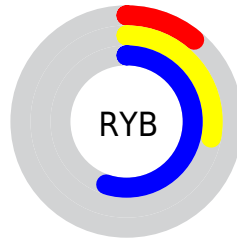
The Hex color **1C648C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8C441C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5B97C2**, and **00365A** is the 20% darker color. If you saturate the color by 10%, you get **0E5F8C**, and if you desaturate by 10%, it is **2A698C**.

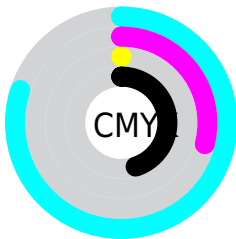
# Distribution



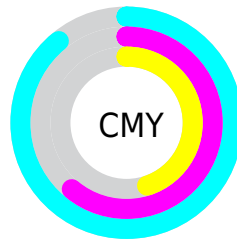
- Red (11%)
- Green (39%)
- Blue (55%)



- Red (11%)
- Yellow (28%)
- Blue (55%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)
- Black (45%)



- Cyan (89%)
- Magenta (61%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C648C 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 1C648C by changing the saturation by 10% instead.



■ 1C648C

■ 1C648C

FFFFFF

■ 004C72

■ 5B97C2

■ 00365A

■ 77B1DE

■ 002142

■ 93CDFA

■ 00032C

■ AFE9FF

■ 000116

■ CCFFFF

■ 000000

■ E9FFFF

■ 1C648C

■ 1C648C

■ 0E5F8C

■ 2A698C

005A8C

386E8C

46738C

54788C

627D8C

70828C

7E878C

8C8C8C

9A918C

# Harmonies

## Analogous

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



006980



1C648C



4F5C8C

# Triad

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



1C648C



8C4B53



46673C

# Complementary

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



1C648C



8C441C

# 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.



61612F



1C648C



86513D

# Square

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



1C648C



854C6B



775930



236A52

# Rectangle

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



1C648C



675685



775930



4F6536



# Sweetspot

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



1C648C



8AA6B5



1C8C43



41525C



DBDBDB



5C5C5C



# Same Dimension

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



1C648C



0777B5



1C2D8C



3E4245



005585



000305



# Inverse Universe

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



8C1C64



B50777



8C7B1C



453E42



850055



050003



# Previews

## White Background



This preview shows how the Hex color 1C648C looks on a white background.

## Color Contrast Check

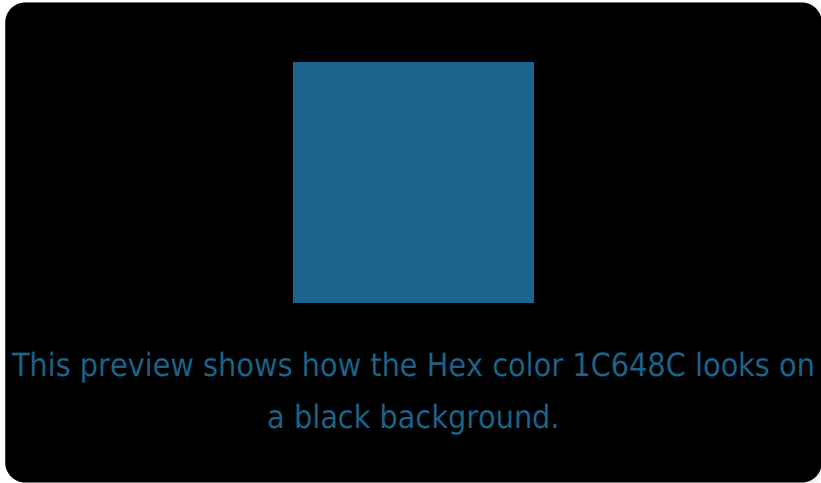
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

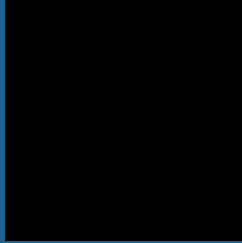
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C648C Background



This preview shows how black text looks on a background with the Hex color 1C648C.



This preview shows how white text looks on a background with the Hex color 1C648C.

# Color Blindness Simulation

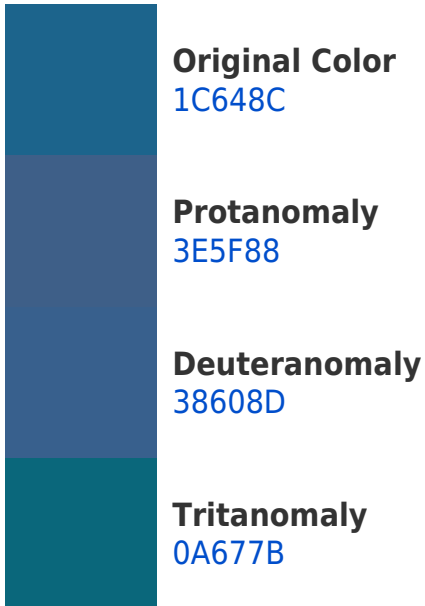
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C648C 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 #1C648C looks like.

```
.text, #text, p{  
    color:#1C648C  
}
```

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 #1C648C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C648C
}
```

## Border

The CSS property to change the border of an element to Hex 1C648C 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
#1C648C }
```

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

```
.border{ border-color:#1C648C }
```

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

Here you see how a box with a 4 pixel #1C648C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C648C; -webkit-box-shadow:4px 4px  
4px 4px #1C648C; box-shadow:4px 4px 4px  
4px #1C648C }
```

# Background

The CSS property to change the background color of an element to Hex 1C648C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C648C }
```

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

```
.background{ background-color:#1C648C }
```

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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