

# Converting Colors

Hex(1C638E)

Have a look what the booklet for  
Hex(1C638E) contains.

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# Color

**Hex(1C638E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C638E
RGB	28, 99, 142
RGB Percent	11%, 39%, 56%
CMY	0.8902, 0.6118, 0.4431
CMYK	0.80, 0.30, 0.00, 0.44
HSL	203°, 67%, 33%
HSV	203°, 80%, 56%
XYZ	9.8232, 11.1236, 27.2205
YIQ	82.6730, -56.1190, -1.6790

# Conversions

## Conversions Part 2

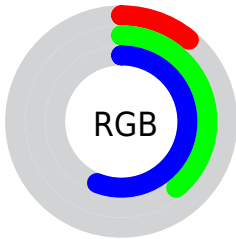
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	28, 72, 142
Decimal	1860494
CIE Lab	39.79, -5.82, -29.81
CIE LCh	40, 30.369, 258.949
Yxy	11.1236, 0.2039, 0.2309
Android (android.graphics.Color)	4280050574 (0xFF1C638E)
YUV	82.6730, 29.2482, -47.9482
Hunter-Lab	33.3520, -5.7921, -25.0436

# Details

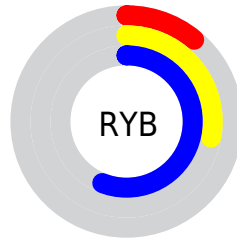
The Hex color **1C638E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8E471C**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5B96C4**, and **00355B** is the 20% darker color. If you saturate the color by 10%, you get **0E5E8E**, and if you desaturate by 10%, it is **2A688E**.

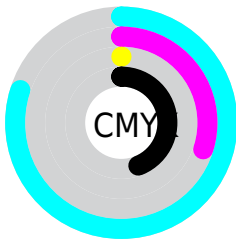
# Distribution



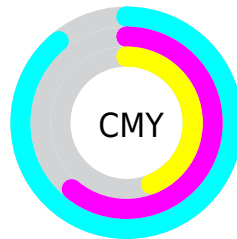
- Red (11%)
- Green (39%)
- Blue (56%)



- Red (11%)
- Yellow (28%)
- Blue (56%)



- Cyan (80%)
- Magenta (30%)
- Yellow (0%)
- Black (44%)



- Cyan (89%)
- Magenta (61%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1C638E 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 1C638E by changing the saturation by 10% instead.



■ 1C638E

■ 1C638E

FFFFFF

■ 004B74

■ 5B96C4

■ 00355B

■ 77B0E0

■ 002044

■ 93CCFD

■ 00032D

■ B0E8FF

■ 000118

■ CDFFFF

■ 000000

■ EAFFFF

■ 1C638E

■ 1C638E

■ 0E5E8E

■ 2A688E

■ 00588E

■ 386E8E

■ 47738E

■ 55788E

■ 637E8E

■ 71838E

■ 7F888E

■ 8E8E8E

■ 9C938E

# Harmonies

## Analogous

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



006882



1C638E



515B8D

# Triad

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



1C638E



8D4A4F



41673C

# Complementary

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



1C638E



8E471C

# 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.



5D612D



1C638E



865039

# Square

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



1C638E



874A68



75592D



186A53

# Rectangle

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



1C638E



6A5484



75592D



4B6536



# Sweetspot

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



1C638E



8CA7B8



1C8E46



41525C



DBDBDB



5C5C5C



# Same Dimension

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



1C638E



0775B8



1C2B8E



404547



005487



000508



# Inverse Universe

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



8E1C63



B80775



8E7F1C



474045



870054



080005



# Previews

## White Background



This preview shows how the Hex color 1C638E looks on a white background.

## Color Contrast Check

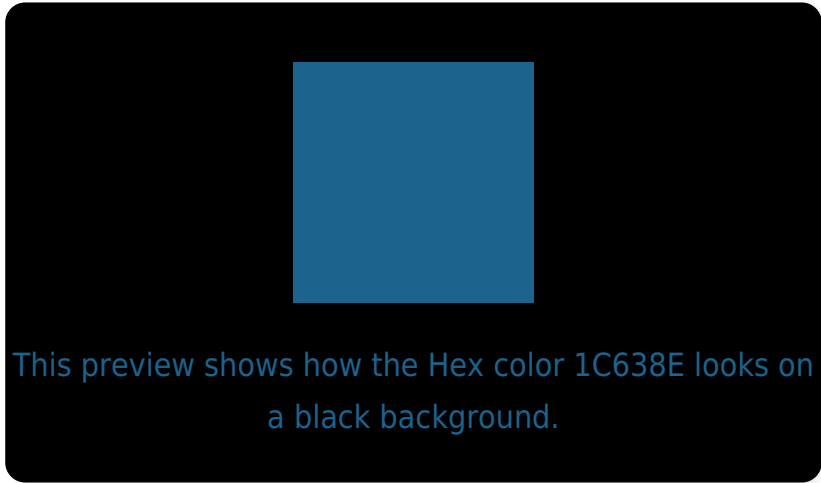
Large Text (above 18pt) WCAG AA ✓ Pass

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

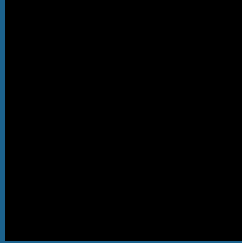
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1C638E Background



This preview shows how black text looks on a background with the Hex color 1C638E.

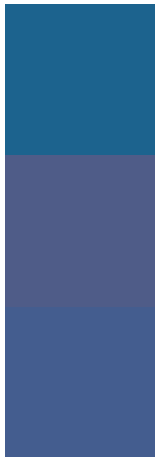


This preview shows how white text looks on a background with the Hex color 1C638E.

# 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



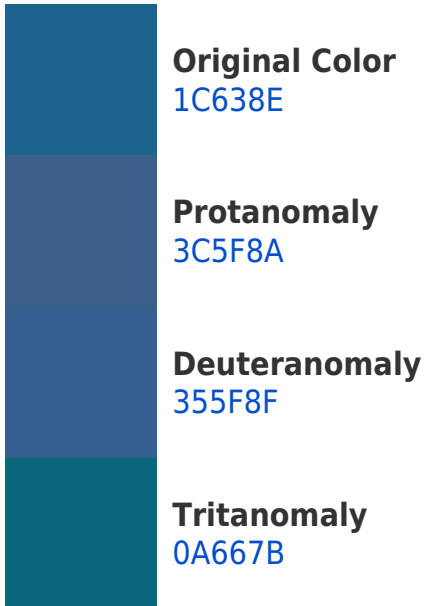
**Original Color**  
1C638E

**Protanopia**  
4F5C88

**Deuteranopia**  
445D8F



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1C638E 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 #1C638E looks like.

```
.text, #text, p{  
    color:#1C638E  
}
```

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 #1C638E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C638E
}
```

## Border

The CSS property to change the border of an element to Hex 1C638E is called "border". The border property can be set on classes, ids or directly on the HTML element.

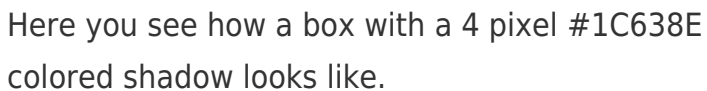
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C638E }
```

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

```
.border{ border-color:#1C638E }
```

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



Here you see how a box with a 4 pixel #1C638E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C638E; -webkit-box-shadow:4px 4px  
4px 4px #1C638E; box-shadow:4px 4px 4px  
4px #1C638E }
```

# Background

The CSS property to change the background color of an element to Hex 1C638E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C638E }
```

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

```
.background{ background-color:#1C638E }
```

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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