

# Converting Colors

Hex(66658B)

Have a look what the booklet for  
Hex(66658B) contains.

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# Color

**Hex(66658B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66658B
RGB	102, 101, 139
RGB Percent	40%, 40%, 55%
CMY	0.6000, 0.6039, 0.4549
CMYK	0.27, 0.27, 0.00, 0.45
HSL	242°, 16%, 47%
HSV	242°, 27%, 55%
XYZ	14.7934, 13.9962, 26.3479
YIQ	105.6310, -11.6020, 12.0300

# Conversions

## Conversions Part 2

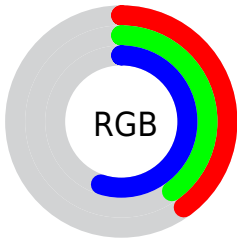
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 101, 139
Decimal	6710667
CIE Lab	44.23, 9.35, -20.79
CIE LCh	44, 22.798, 294.223
Yxy	13.9962, 0.2683, 0.2538
Android (android.graphics.Color)	4284900747 (0xFF66658B)
YUV	105.6310, 16.4509, -3.1844
Hunter-Lab	37.4115, 5.1128, -15.5683

# Details

The Hex color **66658B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8A8B65**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9A98C1**, and **363659** is the 20% darker color. If you saturate the color by 10%, you get **58578B**, and if you desaturate by 10%, it is **74738B**.

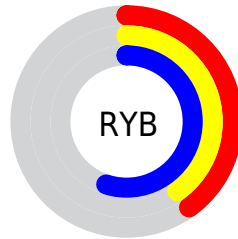
# Distribution



Red (40%)

Green (40%)

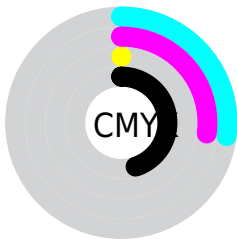
Blue (55%)



Red (40%)

Yellow (40%)

Blue (55%)

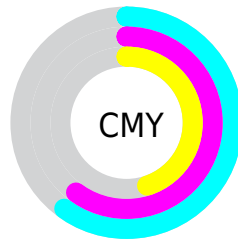


Cyan (27%)

Magenta (27%)

Yellow (0%)

Black (45%)



Cyan (60%)

Magenta (60%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66658B 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 66658B by changing the saturation by 10% instead.



■ 66658B

■ 66658B

FFFFFF

■ 4D4D71

■ 9A98C1

■ 363659

■ B5B3DD

■ 1F2141

■ D1CEF9

■ 0A0B2B

■ EDEAFF

■ 000116

■ 000000

■ 66658B

■ 66658B

■ 58578B

■ 74738B

■ 4B498B

■ 81818B

■ 3D3B8B

■ 8F8F8B

■ 302D8B

■ 9C9D8B

■ 22208B

■ AAAA8B

■ 15128B

■ B7B88B

■ 07048B

■ C5C68B

■ 04008B

■ D2D48B

■ E0E28B

# Harmonies

## Analogous

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



496B8E



66658B



7D5E7F

# Triad

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



66658B



87604B



397364

# Complementary

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



66658B



8A8B65

# 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.



507052



66658B



796643

# Square

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



66658B



8E5B5A



666C46



297377

# Rectangle

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



66658B



885B73



666C46



41725E



# Sweetspot

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



66658B



A7A7B5



658A8B



53535C



DBDBDB



5C5C5C



# Same Dimension

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



66658B



7B79B5



79658B



3E3E45



030085



000005



# Inverse Universe

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



8B658A



B579B3



778B65



453E45



850081



050005



# Previews

## White Background



This preview shows how the Hex color 66658B 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

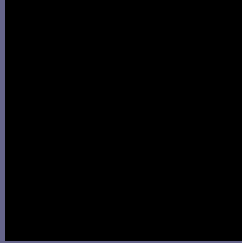
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 66658B Background



This preview shows how black text looks on a background with the Hex color 66658B.



This preview shows how white text looks on a background with the Hex color 66658B.

# 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**  
66658B

**Protanopia**  
5E678D

**Deuteranopia**  
60678B



**Tritanopia**  
616A72

# Trichromacy



**Original Color**  
66658B

**Protanomaly**  
61668C

**Deuteranomaly**  
62668B

**Tritanomaly**  
63687B

# Monochromacy



**Original Color**  
66658B

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
696876

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66658B 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 #66658B looks like.

```
.text, #text, p{  
    color:#66658B  
}
```

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 #66658B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66658B
}
```

## Border

The CSS property to change the border of an element to Hex 66658B 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
#66658B }
```

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

```
.border{ border-color:#66658B }
```

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

Here you see how a box with a 4 pixel #66658B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66658B; -webkit-box-shadow:4px 4px  
4px 4px #66658B; box-shadow:4px 4px 4px  
4px #66658B }
```

# Background

The CSS property to change the background color of an element to Hex 66658B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66658B }
```

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

```
.background{ background-color:#66658B }
```

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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