

# Converting Colors

Hex(62658C)

Have a look what the booklet for  
Hex(62658C) contains.

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# Color

Hex(62658C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	62658C
RGB	98, 101, 140
RGB Percent	38%, 40%, 55%
CMY	0.6157, 0.6039, 0.4510
CMYK	0.30, 0.28, 0.00, 0.45
HSL	236°, 18%, 47%
HSV	236°, 30%, 55%
XYZ	14.4243, 13.7975, 26.7139
YIQ	104.5490, -14.3070, 11.4930

# Conversions

## Conversions Part 2

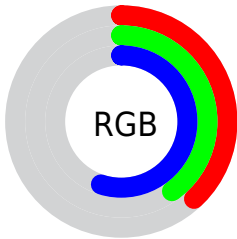
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 101, 140
Decimal	6448524
CIE <sub>Lab</sub>	43.94, 8.33, -21.86
CIE <sub>LCh</sub>	44, 23.393, 290.868
Yxy	13.7975, 0.2626, 0.2512
Android (android.graphics.Color)	4284638604 (0xFF62658C)
YUV	104.5490, 17.4773, -5.7435
Hunter-Lab	37.1450, 4.3123, -16.6387

# Details

The Hex color **62658C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8C8962**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9698C2**, and **32365A** is the 20% darker color. If you saturate the color by 10%, you get **54588C**, and if you desaturate by 10%, it is **70728C**.

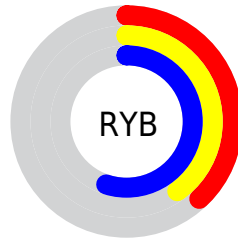
# Distribution



Red (38%)

Green (40%)

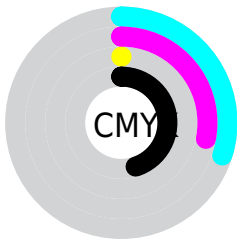
Blue (55%)



Red (38%)

Yellow (40%)

Blue (55%)

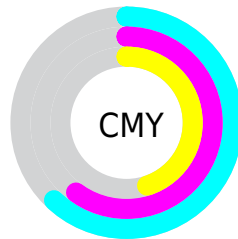


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (60%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 62658C 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 62658C by changing the saturation by 10% instead.



■ 62658C

■ 62658C

FFFFFF

■ 494D72

■ 9698C2

■ 32365A

■ B1B3DE

■ 1A2142

■ CCCEFA

■ 040B2C

■ E9EAFB

■ 000117

■ 000000

■ 62658C

■ 62658C

■ 54588C

■ 70728C

■ 464B8C

■ 7E7F8C

■ 383E8C

■ 8C8C8C

■ 2A318C

■ 9A998C

■ 1C248C

■ A8A68C

■ 0E178C

■ B6B38C

■ 000A8C

■ C4C08C

■ D2CD8C

■ E0DA8C

# Harmonies

## Analogous

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



446C8E



62658C



7B5E81

# Triad

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



62658C



885E4B



3A7261

# Complementary

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



62658C



8C8962

# 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.



51704F



62658C



7B6542

# Square

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



62658C



8E5A5B



676B43



267275

# Rectangle

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



62658C



865B75



676B43



41715B



# Sweetspot

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



62658C



A5A6B5



628C89



52525C



DBDBDB



5C5C5C



# Same Dimension

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



62658C



7479B5



74628C



3E3E45



000985



000005



# Inverse Universe

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



8C6265



B57479



7B8C62



453E3E



850009

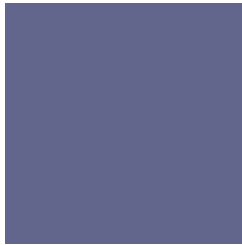


050000



# Previews

## White Background



This preview shows how the Hex color 62658C looks on a white background.

## Color Contrast Check

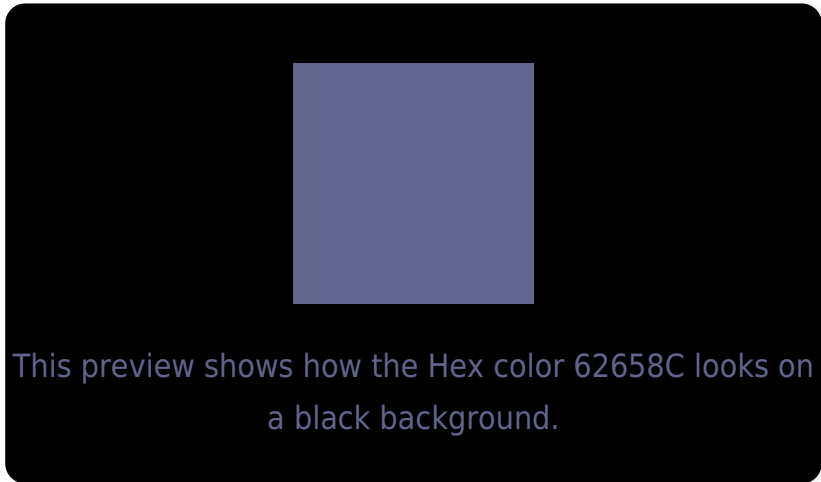
Large Text (above 18pt) WCAG AA ✓ Pass

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

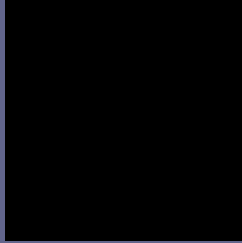
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 62658C Background



This preview shows how black text looks on a background with the Hex color 62658C.



This preview shows how white text looks on a background with the Hex color 62658C.

# 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](#).

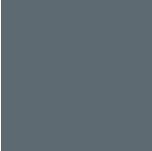
## Dichromacy



**Original Color**  
62658C

**Protanopia**  
5D668D

**Deuteranopia**  
5E668C



**Tritanopia**  
5D6A72

# Trichromacy



**Original Color**  
62658C

**Protanomaly**  
5F668D

**Deuteranomaly**  
5F668C

**Tritanomaly**  
5F687B

# Monochromacy



**Original Color**  
62658C

**Achromatopsia**  
696969

**Achromatomaly**  
666876

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 62658C 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 #62658C looks like.

```
.text, #text, p{  
    color:#62658C  
}
```

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 #62658C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62658C
}
```

## Border

The CSS property to change the border of an element to Hex 62658C is called "border". The border property can be set on classes, ids or directly on the HTML element.

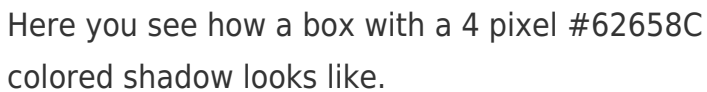
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62658C }
```

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

```
.border{ border-color:#62658C }
```

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



Here you see how a box with a 4 pixel #62658C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62658C; -webkit-box-shadow:4px 4px  
4px 4px #62658C; box-shadow:4px 4px 4px  
4px #62658C }
```

# Background

The CSS property to change the background color of an element to Hex 62658C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62658C }
```

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

```
.background{ background-color:#62658C }
```

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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