

Converting Colors

Hex(61608C)

Have a look what the booklet for
Hex(61608C) contains.

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Color

Hex(61608C)

Conversions

Conversions Part 1

Format	Color
Hex	61608C
RGB	97, 96, 140
RGB Percent	38%, 38%, 55%
CMY	0.6196, 0.6235, 0.4510
CMYK	0.31, 0.31, 0.00, 0.45
HSL	241°, 19%, 46%
HSV	241°, 31%, 55%
XYZ	13.8463, 12.8006, 26.5519
YIQ	101.3150, -13.5280, 13.8960

Conversions

Conversions Part 2

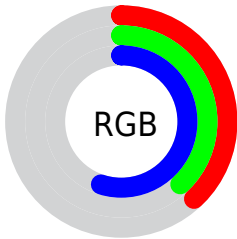
Format	Color
R_{YB}	97, 96, 140
Decimal	6381708
CIE _{Lab}	42.46, 11.10, -24.16
CIE _{LCh}	42, 26.585, 294.679
Yxy	12.8006, 0.2603, 0.2406
Android (android.graphics.Color)	4284571788 (0xFF61608C)
YUV	101.3150, 19.0717, -3.7843
Hunter-Lab	35.7779, 6.4692, -18.9565

Details

The Hex color **61608C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B8C60**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **9592C2**, and **30325A** is the 20% darker color. If you saturate the color by 10%, you get **53528C**, and if you desaturate by 10%, it is **6F6E8C**.

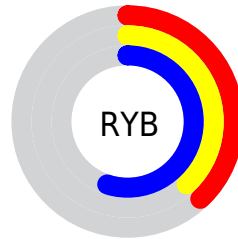
Distribution



Red (38%)

Green (38%)

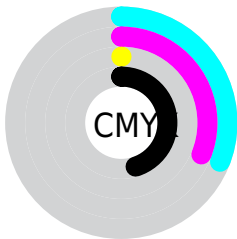
Blue (55%)



Red (38%)

Yellow (38%)

Blue (55%)

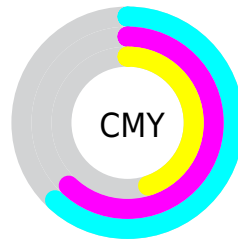


Cyan (31%)

Magenta (31%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61608C 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 61608C by changing the saturation by 10% instead.



61608C



61608C

FFFFFF



484872



9592C2



30325A



B0ADDE



191D42



CBC8FA



04032C



E8E4FF



000116



000000



61608C



61608C



53528C



6F6E8C



46448C



7C7C8C

■ 38368C

■ 8A8A8C

■ 2A288C

■ 98988C

■ 1D1A8C

■ A5A68C

■ 0F0C8C

■ B3B48C

■ 03008C

■ C1C28C

■ CED08C

■ DCDE8C

Harmonies

Analogous

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



3D6890



61608C



7C587E

Triad

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



61608C



875A41



28705F

Complementary

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



61608C



8B8C60

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.



466D4A



61608C



766238

Square

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



61608C



8F5453



60683C



007076

Rectangle

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



61608C



885470



60683C



336F58

Sweetspot

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



61608C



A5A5B5



608B8C



52525C



DBDBDB



5C5C5C

Same Dimension

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



61608C



7270B5



77608C



3E3E45



030085



000005

Inverse Universe

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



8C608B



B570B3



758C60



453E45



850082



050005

Previews

White Background



This preview shows how the Hex color 61608C looks on a white background.

Color Contrast Check

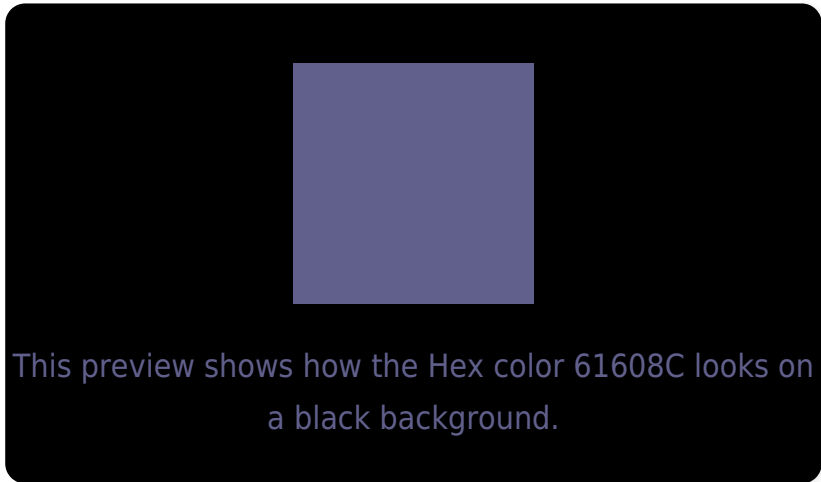
Large Text (above 18pt) WCAG AA ✓ Pass

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

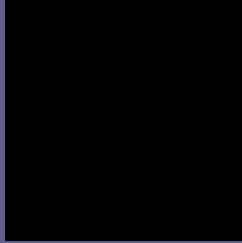
Any Text WCAG AA × Fail

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 61608C Background



This preview shows how black text looks on a background with the Hex color 61608C.

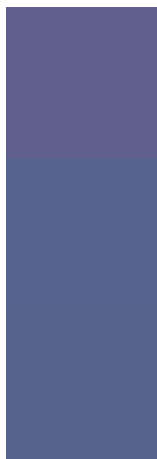


This preview shows how white text looks on a background with the Hex color 61608C.

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](#).

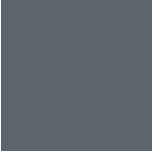
Dichromacy



Original Color
61608C

Protanopia
57638E

Deuteranopia
57638B



Tritanopia
5B666E

Trichromacy



Original Color
61608C

Protanomaly
5B628D

Deuteranomaly
5B628B

Tritanomaly
5D6479

Monochromacy



Original Color
61608C

Achromatopsia
656565

Achromatomaly
646373

CSS Examples

Text

The CSS property to change the color of the text to Hex 61608C 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 #61608C looks like.

```
.text, #text, p{  
    color:#61608C  
}
```

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 #61608C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61608C
}
```

Border

The CSS property to change the border of an element to Hex 61608C is called "border". The border property can be set on classes, ids or directly on the HTML element.

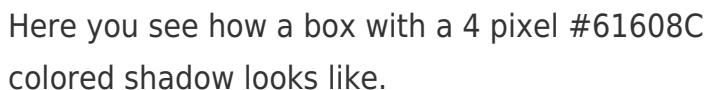
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61608C }
```

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

```
.border{ border-color:#61608C }
```

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



Here you see how a box with a 4 pixel #61608C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61608C; -webkit-box-shadow:4px 4px  
4px 4px #61608C; box-shadow:4px 4px 4px  
4px #61608C }
```

Background

The CSS property to change the background color of an element to Hex 61608C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61608C }
```

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

```
.background{ background-color:#61608C }
```

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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