

Converting Colors

Hex(61648B)

Have a look what the booklet for
Hex(61648B) contains.

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Color

Hex(61648B)

Conversions

Conversions Part 1

Format	Color
Hex	61648B
RGB	97, 100, 139
RGB Percent	38%, 39%, 55%
CMY	0.6196, 0.6078, 0.4549
CMYK	0.30, 0.28, 0.00, 0.45
HSL	236°, 18%, 46%
HSV	236°, 30%, 55%
XYZ	14.1471, 13.5198, 26.2900
YIQ	103.5490, -14.3070, 11.4930

Conversions

Conversions Part 2

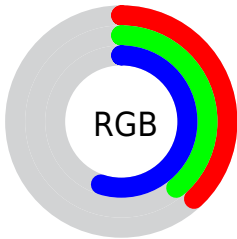
Format	Color
R _Y B	97, 100, 139
Decimal	6382731
CIE Lab	43.54, 8.36, -21.89
CIE LCh	44, 23.432, 290.898
Yxy	13.5198, 0.2622, 0.2506
Android (android.graphics.Color)	4284572811 (0xFF61648B)
YUV	103.5490, 17.4773, -5.7435
Hunter-Lab	36.7693, 4.3323, -16.6538

Details

The Hex color **61648B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B8861**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9597C1**, and **313659** is the 20% darker color. If you saturate the color by 10%, you get **53578B**, and if you desaturate by 10%, it is **6F718B**.

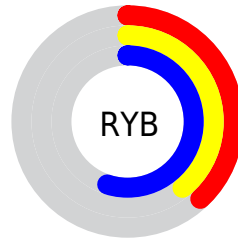
Distribution



Red (38%)

Green (39%)

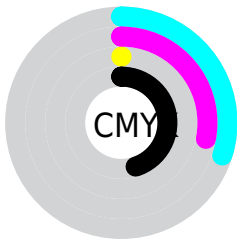
Blue (55%)



Red (38%)

Yellow (39%)

Blue (55%)

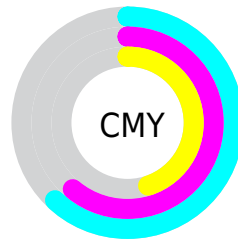


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (61%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61648B 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 61648B by changing the saturation by 10% instead.

■ 61648B

■ 61648B

FFFFFF

■ 484C71

■ 9597C1

■ 313659

■ B0B1DD

■ 192041

■ CBCDF9

■ 03092B

■ E8E9FF

■ 000116

■ 000000

■ 61648B

■ 61648B

■ 53578B

■ 6F718B

■ 454A8B

■ 7D7E8B

■ 373D8B

■ 8B8B8B

■ 29308B

■ 99988B

■ 1C238B

■ A7A58B

■ 0E178B

■ B4B18B

■ 000A8B

■ C2BE8B

■ D0CB8B

■ DED88B

Harmonies

Analogous

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



436B8D



61648B



7A5D80

Triad

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



61648B



875D4A



387160

Complementary

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



61648B



8B8861

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.



506F4E



61648B



796441

Square

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



61648B



8D595A



666A42



247174

Rectangle

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



61648B



855A74



666A42



40705A

Sweetspot

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



61648B



A5A6B5



618B87



52525C



DBDBDB



5C5C5C

Same Dimension

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



61648B



7479B5



73618B



3E3E45



000985



000005

Inverse Universe

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



8B6164



B57479



7A8B61



453E3E



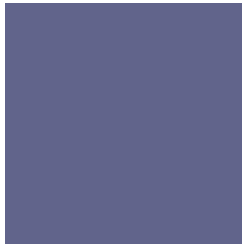
850009



050000

Previews

White Background



This preview shows how the Hex color 61648B looks on a white background.

Color Contrast Check

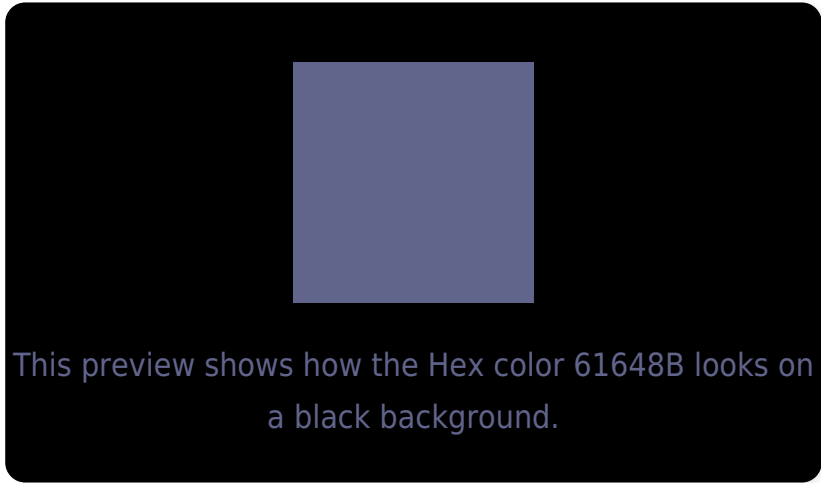
Large Text (above 18pt) WCAG AA ✓ Pass

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

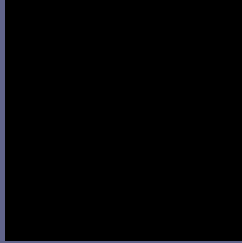
Any Text WCAG AA × Fail

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 61648B Background



This preview shows how black text looks on a background with the Hex color 61648B.



This preview shows how white text looks on a background with the Hex color 61648B.

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](#).

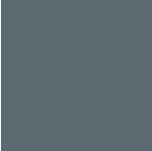
Dichromacy



Original Color
61648B

Protanopia
5C658C

Deuteranopia
5D658B



Tritanopia
5C6971

Trichromacy



Original Color
61648B

Protanomaly
5E658C

Deuteranomaly
5E658B

Tritanomaly
5E677A

Monochromacy



Original Color
61648B

Achromatopsia
686868

Achromatomaly
656775

CSS Examples

Text

The CSS property to change the color of the text to Hex 61648B 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 #61648B looks like.

```
.text, #text, p{  
    color:#61648B  
}
```

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 #61648B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61648B
}
```

Border

The CSS property to change the border of an element to Hex 61648B 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".

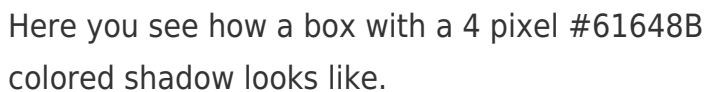
```
.border, #border, table{ border:4px solid
#61648B }
```

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

```
.border{ border-color:#61648B }
```

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

Here you see how a box with a 4 pixel #61648B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61648B; -webkit-box-shadow:4px 4px  
4px 4px #61648B; box-shadow:4px 4px 4px  
4px #61648B }
```

Background

The CSS property to change the background color of an element to Hex 61648B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61648B }
```

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

```
.background{ background-color:#61648B }
```

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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