

Converting Colors

Hex(60678B)

Have a look what the booklet for
Hex(60678B) contains.

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Color

Hex(60678B)

Conversions

Conversions Part 1

Format	Color
Hex	60678B
RGB	96, 103, 139
RGB Percent	38%, 40%, 55%
CMY	0.6235, 0.5961, 0.4549
CMYK	0.31, 0.26, 0.00, 0.45
HSL	230°, 18%, 46%
HSV	230°, 31%, 55%
XYZ	14.3343, 14.0514, 26.3828
YIQ	105.0110, -15.7280, 9.7120

Conversions

Conversions Part 2

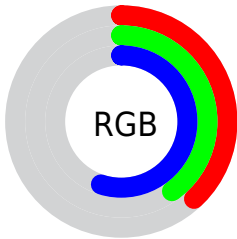
Format	Color
R _Y B	96, 102, 139
Decimal	6317963
CIE Lab	44.31, 6.20, -20.71
CIE LCh	44, 21.618, 286.672
Yxy	14.0514, 0.2617, 0.2566
Android (android.graphics.Color)	4284508043 (0xFF60678B)
YUV	105.0110, 16.7566, -7.9026
Hunter-Lab	37.4852, 2.6593, -15.4898

Details

The Hex color **60678B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B8460**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **949AC1**, and **303859** is the 20% darker color. If you saturate the color by 10%, you get **525B8B**, and if you desaturate by 10%, it is **6E738B**.

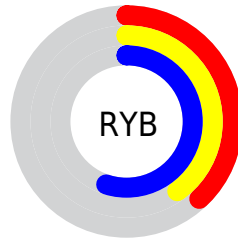
Distribution



 Red (38%)

 Green (40%)

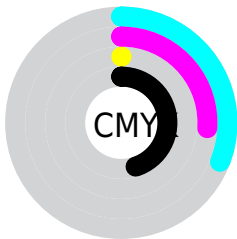
 Blue (55%)



 Red (38%)

 Yellow (40%)

 Blue (55%)

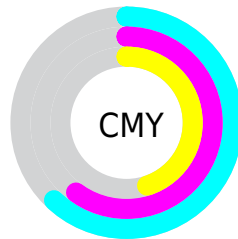


 Cyan (31%)

 Magenta (26%)

 Yellow (0%)

 Black (45%)



 Cyan (62%)

 Magenta (60%)

 Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60678B 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 60678B by changing the saturation by 10% instead.



60678B



60678B

FFFFFF



474F71



949AC1



303859



AFB5DD



182341



CAD0F9



020D2B



E6ECFF



000116



000000



60678B



60678B



525B8B



6E738B



44508B



7C7E8B

■ 36448B

■ 8A8A8B

■ 28388B

■ 98968B

■ 1A2D8B

■ A6A18B

■ 0D218B

■ B3AD8B

■ 00178B

■ C1B88B

■ CFC48B

■ DDD08B

Harmonies

Analogous

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



456D8B



60678B



786182

Triad

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



60678B



895F4F



427260

Complementary

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



60678B



8B8460

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.



576F50



60678B



7D6546

Square

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



60678B



8D5C5F



6B6B46



317372

Rectangle

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



60678B



835D77



6B6B46



49715A

Sweetspot

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



60678B



A5A7B5



608B84



52535C



DBDBDB



5C5C5C

Same Dimension

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



60678B



727DB5



6E608B



3E3F45



001685



000105

Inverse Universe

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



8B6067



B5727D



7D8B60



453E3F



850016



050001

Previews

White Background



This preview shows how the Hex color 60678B looks on a white background.

Color Contrast Check

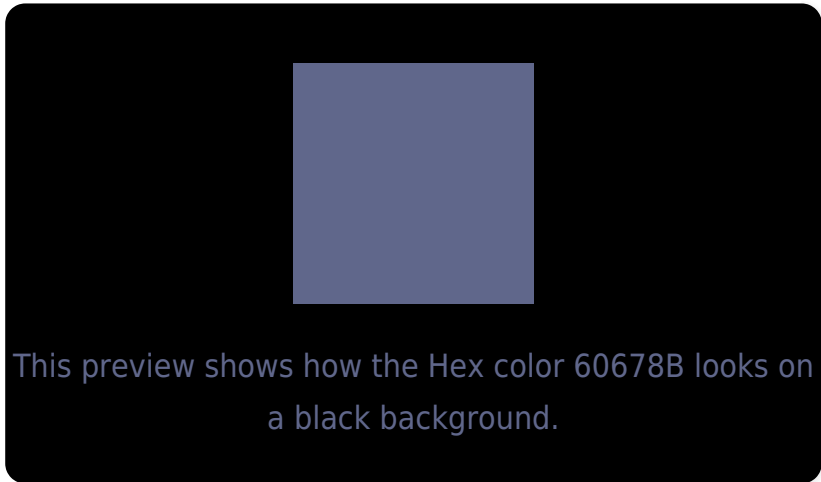
Large Text (above 18pt) WCAG AA ✓ Pass

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

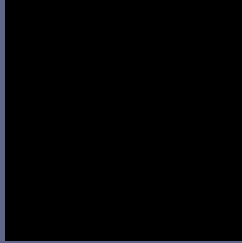
Any Text WCAG AA × Fail

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 60678B Background



This preview shows how black text looks on a background with the Hex color 60678B.



This preview shows how white text looks on a background with the Hex color 60678B.

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](#).

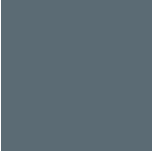
Dichromacy



Original Color
60678B

Protanopia
5F678B

Deuteranopia
60678B



Tritanopia
5B6B74

Trichromacy



Original Color
60678B

Protanomaly
5F678B

Deuteranomaly
60678B

Tritanomaly
5D6A7C

Monochromacy



Original Color
60678B

Achromatopsia
696969

Achromatomaly
666875

CSS Examples

Text

The CSS property to change the color of the text to Hex 60678B 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 #60678B looks like.

```
.text, #text, p{  
    color:#60678B  
}
```

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 #60678B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60678B
}
```

Border

The CSS property to change the border of an element to Hex 60678B 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
#60678B }
```

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

```
.border{ border-color:#60678B }
```

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

Here you see how a box with a 4 pixel #60678B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60678B; -webkit-box-shadow:4px 4px  
4px 4px #60678B; box-shadow:4px 4px 4px  
4px #60678B }
```

Background

The CSS property to change the background color of an element to Hex 60678B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60678B }
```

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

```
.background{ background-color:#60678B }
```

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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