

Converting Colors

Hex(62678B)

Have a look what the booklet for
Hex(62678B) contains.

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Color

Hex(62678B)

Conversions

Conversions Part 1

Format	Color
Hex	62678B
RGB	98, 103, 139
RGB Percent	38%, 40%, 55%
CMY	0.6157, 0.5961, 0.4549
CMYK	0.29, 0.26, 0.00, 0.45
HSL	233°, 17%, 46%
HSV	233°, 29%, 55%
XYZ	14.5475, 14.1612, 26.3928
YIQ	105.6090, -14.5360, 10.1360

Conversions

Conversions Part 2

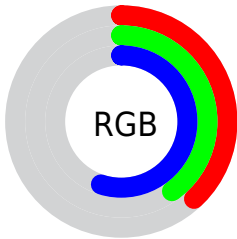
Format	Color
R_{YB}	98, 102, 139
Decimal	6449035
CIE _{Lab}	44.46, 6.84, -20.45
CIE _{LCh}	44, 21.567, 288.487
Yxy	14.1612, 0.2640, 0.2570
Android (android.graphics.Color)	4284639115 (0xFF62678B)
YUV	105.6090, 16.4618, -6.6731
Hunter-Lab	37.6314, 3.1490, -15.2410

Details

The Hex color **62678B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8B8662**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **969AC1**, and **323859** is the 20% darker color. If you saturate the color by 10%, you get **545B8B**, and if you desaturate by 10%, it is **70738B**.

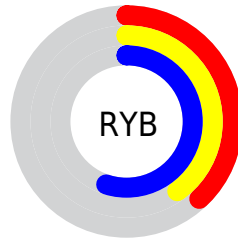
Distribution



Red (38%)

Green (40%)

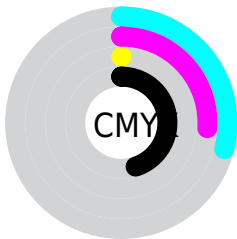
Blue (55%)



Red (38%)

Yellow (40%)

Blue (55%)

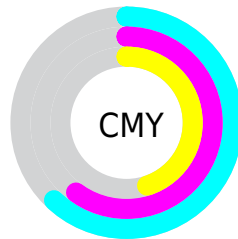


Cyan (29%)

Magenta (26%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (60%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62678B 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 62678B by changing the saturation by 10% instead.

62678B

62678B

FFFFFF

494F71

969AC1

323859

B1B5DD

1B2341

CCD0F9

040D2B

E9ECFF

000116

000000

62678B

62678B

545B8B

70738B

464F8B

7E7F8B

■ 38428B

■ 8C8C8B

■ 2A368B

■ 9A988B

■ 1D2A8B

■ A8A48B

■ 0F1E8B

■ B5B08B

■ 01128B

■ C3BC8B

■ 00118B

■ D1C98B

■ DFD58B

Harmonies

Analogous

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



476D8C



62678B



796181

Triad

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



62678B



88604F



417361

Complementary

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



62678B



8B8662

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.



567051



62678B



7C6646

Square

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



62678B



8D5C5F



6A6C47



317374

Rectangle

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



62678B



845E77



6A6C47



48725B

Sweetspot

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



62678B



A5A7B5



628B86



52535C



DBDBDB



5C5C5C

Same Dimension

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



62678B



767DB5



71628B



3E3F45



001085



000105

Inverse Universe

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



8B6267



B5767D



7C8B62



453E3F



850010



050001

Previews

White Background



This preview shows how the Hex color 62678B looks on a white background.

Color Contrast Check

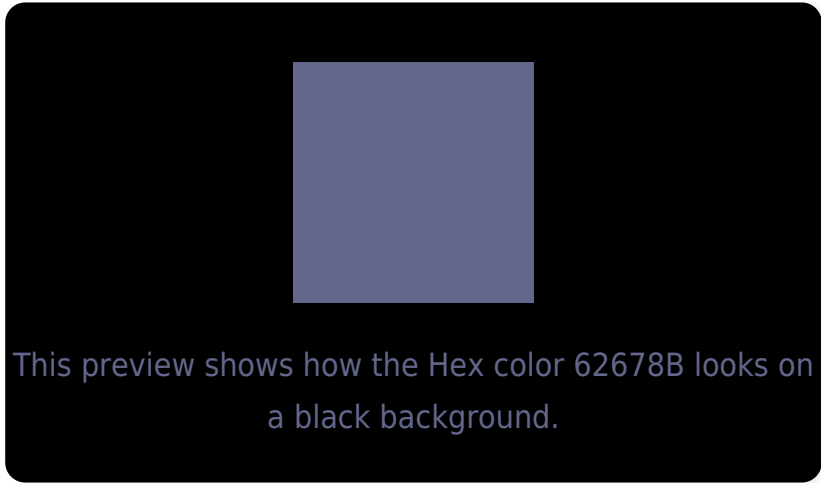
Large Text (above 18pt) WCAG AA ✓ Pass

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

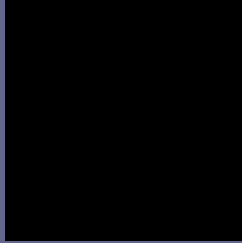
Any Text WCAG AA × Fail

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 62678B Background



This preview shows how black text looks on a background with the Hex color 62678B.



This preview shows how white text looks on a background with the Hex color 62678B.

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
62678B

Protanopia
5F688C

Deuteranopia
61678B



Tritanopia
5D6B74

Trichromacy



Original Color
62678B

Protanomaly
60688C

Deuteranomaly
61678B

Tritanomaly
5F6A7C

Monochromacy



Original Color
62678B

Achromatopsia
6A6A6A

Achromatomaly
676976

CSS Examples

Text

The CSS property to change the color of the text to Hex 62678B 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 #62678B looks like.

```
.text, #text, p{  
    color:#62678B  
}
```

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 #62678B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62678B
}
```

Border

The CSS property to change the border of an element to Hex 62678B 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".

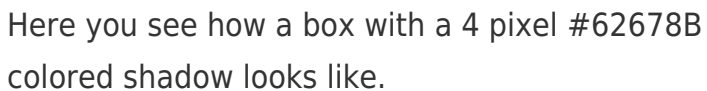
```
.border, #border, table{ border:4px solid
#62678B }
```

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

```
.border{ border-color:#62678B }
```

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

Here you see how a box with a 4 pixel #62678B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62678B; -webkit-box-shadow:4px 4px  
4px 4px #62678B; box-shadow:4px 4px 4px  
4px #62678B }
```

Background

The CSS property to change the background color of an element to Hex 62678B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62678B }
```

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

```
.background{ background-color:#62678B }
```

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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