

Converting Colors

Hex(62838C)

Have a look what the booklet for
Hex(62838C) contains.

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Color

Hex(62838C)

Conversions

Conversions Part 1

Format	Color
Hex	62838C
RGB	98, 131, 140
RGB Percent	38%, 51%, 55%
CMY	0.6157, 0.4863, 0.4510
CMYK	0.30, 0.06, 0.00, 0.45
HSL	193°, 18%, 47%
HSV	193°, 30%, 55%
XYZ	17.8869, 20.7227, 27.8681
YIQ	122.1590, -22.5570, -4.1970

Conversions

Conversions Part 2

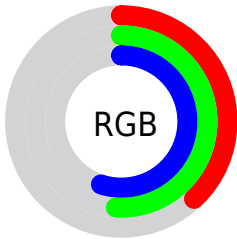
Format	Color
R_{YB}	98, 116, 140
Decimal	6456204
CIE _{Lab}	52.64, -9.35, -8.63
CIE _{LCh}	53, 12.726, 222.698
Yxy	20.7227, 0.2691, 0.3117
Android (android.graphics.Color)	4284646284 (0xFF62838C)
YUV	122.1590, 8.7956, -21.1874
Hunter-Lab	45.5222, -9.5263, -4.4310

Details

The Hex color **62838C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C6B62**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **96B8C2**, and **31525A** is the 20% darker color. If you saturate the color by 10%, you get **54808C**, and if you desaturate by 10%, it is **70868C**.

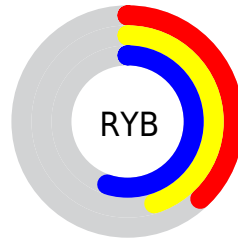
Distribution



Red (38%)

Green (51%)

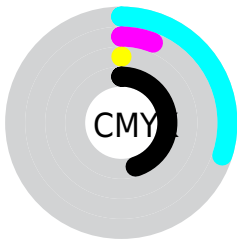
Blue (55%)



Red (38%)

Yellow (45%)

Blue (55%)

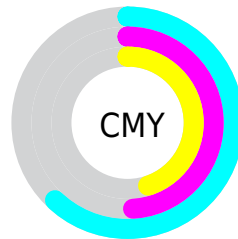


Cyan (30%)

Magenta (6%)

Yellow (0%)

Black (45%)



Cyan (62%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62838C 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 62838C by changing the saturation by 10% instead.



62838C



62838C

FFFFFF



496A73



96B8C2



31525A



B1D4DD



193B43



CDF0FA



01252C



E9FFFF



001018



000000



62838C



62838C



54808C



70868C



467D8C



7E898C

■ 387A8C

■ 8C8C8C

■ 2A778C

■ 9A8F8C

■ 1C748C

■ A8928C

■ 0E718C

■ B6958C

■ 006E8C

■ C4988C

■ D29B8C

■ E09E8C

Harmonies

Analogous

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



628482



62838C



6A8092

Triad

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



62838C



907784



817E68

Complementary

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



62838C



8C6B62

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.



8C7B69



62838C



957679

Square

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



62838C



85798E



93786F



75826D

Rectangle

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



62838C



737E93



93786F



857D68

Sweetspot

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



62838C



A5B2B5



628C6A



525A5C



DBDBDB



5C5C5C

Same Dimension

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



62838C



74A7B5



626F8C



3E4345



006885



000405

Inverse Universe

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



8C6283



B574A7



8C7F62



453E43



850068



050004

Previews

White Background



This preview shows how the Hex color 62838C looks on a white background.

Color Contrast Check

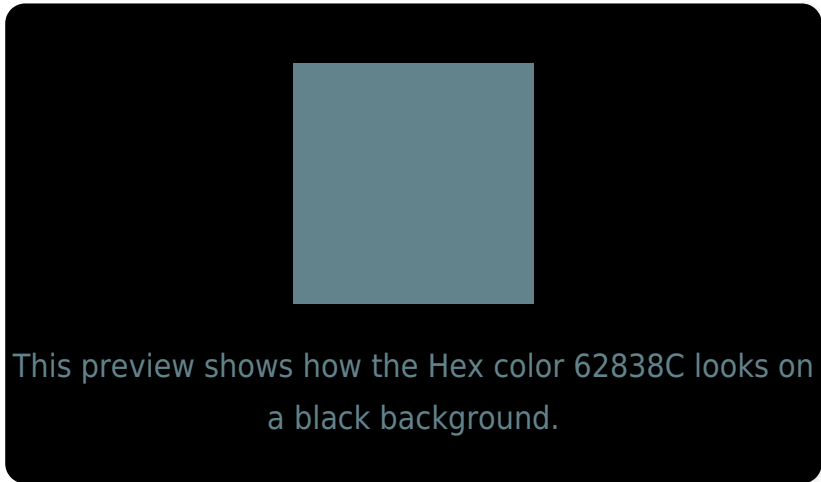
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

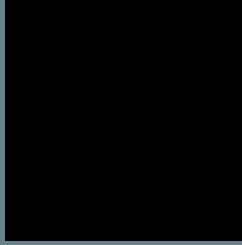
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

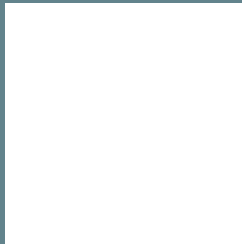
Any Text WCAG AAA × Fail

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

Hex 62838C Background



This preview shows how black text looks on a background with the Hex color 62838C.

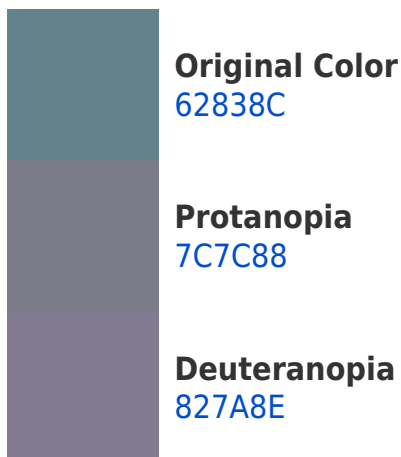



This preview shows how white text looks on a background with the Hex color 62838C.

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](#).

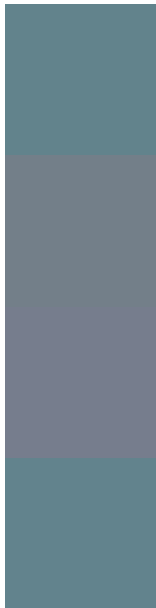
Dichromacy





Tritanopia
62838D

Trichromacy



Original Color
62838C

Protanomaly
737F89

Deuteranomaly
767D8D

Tritanomaly
62838D

Monochromacy



Original Color
62838C

Achromatopsia
7A7A7A

Achromatomaly
717D81

CSS Examples

Text

The CSS property to change the color of the text to Hex 62838C 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 #62838C looks like.

```
.text, #text, p{  
    color:#62838C  
}
```

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 #62838C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62838C
}
```

Border

The CSS property to change the border of an element to Hex 62838C 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
#62838C }
```

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

```
.border{ border-color:#62838C }
```

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

Here you see how a box with a 4 pixel #62838C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62838C; -webkit-box-shadow:4px 4px  
4px 4px #62838C; box-shadow:4px 4px 4px  
4px #62838C }
```

Background

The CSS property to change the background color of an element to Hex 62838C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62838C }
```

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

```
.background{ background-color:#62838C }
```

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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