Converting Colors

Hex(62718B)

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Color

Hex(62718B)

Conversions

Conversions Part 1

Format	Color
Hex	62718B
RGB	98, 113, 139
RGB Percent	38%, 44%, 55%
CMY	0.6157, 0.5569, 0.4549
CMYK	0.29, 0.19, 0.00, 0.45
HSL	218°, 17%, 46%
HSV	218°, 29%, 55%
XYZ	15.6023, 16.2710, 26.7444
YIQ	111.4790, -17.2860, 4.9060

Conversions

Conversions Part 2

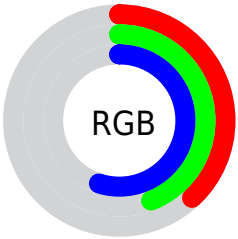
Format	Color
RYB	98, 109, 139
Decimal	6451595
CIELab	47.33, 0.81, -16.07
CIELCh	47, 16.087, 272.868
Yxy	16.2710, 0.2662, 0.2776
Android (android.graphics.Color)	4284641675 (0xFF62718B)
YUV	111.4790, 13.5679, -11.8211
Hunter-Lab	40.3373, -1.5472, -11.0742

Details

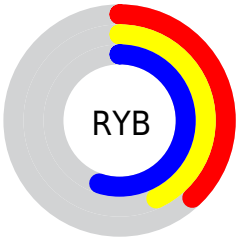
The Hex color 62718B is a dark color, and the websafe version is hex 666666. A complement of this color would be 8B7C62, and the grayscale version is 6F6F6F.

A 20% lighter version of the original color is 96A5C1, and 324159 is the 20% darker color. If you saturate the color by 10%, you get 54688B, and if you desaturate by 10%, it is 707A8B.

Distribution

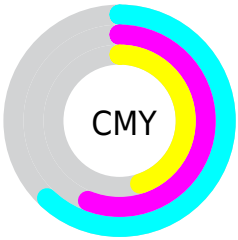


- Red (38%)
- Green (44%)
- Blue (55%)



- Red (38%)
- Yellow (43%)
- Blue (55%)

- Cyan (29%)
- Magenta (19%)
- Yellow (0%)
- Black (45%)



- Cyan (62%)
- Magenta (56%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62718B 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 62718B by changing the saturation by 10% instead.

62718B

FFFFFF

96A5C1

B1C0DC

CCDCF9

E9F8FF

62718B

4A5971

324159

1B2B41

03172B

000117

000000

62718B

54688B

465F8B

62718B

707A8B

7E838B

38578B

2A4E8B

1D458B

0F3C8B

01338B

00338B

8C8B8B

9A948B

A89D8B

B5A68B

C3AF8B

D1B88B

DFC08B

Harmonies

Analogous

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

527588

62718B

746C87

Triad

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

62718B

8C6862

5B7764

Complementary

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

62718B

8B7C62

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.

6A7459

62718B

856B59

Square

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

62718B

8B676F

797055

4F7871

Rectangle

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

62718B

7F6A81

797055

607660

Sweetspot

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

62718B

A5ABB5

628B7C

52555C

DBDBDB

5C5C5C

Same Dimension

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

62718B

768DB5

67628B

3E4045

003185

000205

Inverse Universe

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

8B6271

B5768D

868B62

453E40

850031

050002

Previews

White Background

This preview shows how the Hex color 62718B 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

This preview shows how the Hex color 62718B looks on a 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 62718B Background

This preview shows how black text looks on a background with the Hex color 62718B.

This preview shows how white text looks on a background with the Hex color 62718B.

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
62718B

Protanopia
6A6F8A

Deuteranopia
6D6E8C

Tritanopia
5F747D

Trichromacy

Original Color
62718B

Protanomaly
67708A

Deuteranomaly
696F8C

Tritanomaly
607382

Monochromacy

Original Color
62718B

Achromatopsia
6F6F6F

Achromatomaly
6A7079

CSS Examples

Text

The CSS property to change the color of the text to Hex 62718B 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 #62718B looks like.

```
.text, #text, p{
    color:#62718B
}
```

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 #62718B colored shadow looks like.

Here you see how black text with a 4 pixel #62718B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62718B
}
```

Border

The CSS property to change the border of an element to Hex 62718B 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
#62718B }
```

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

```
.border{ border-color:#62718B }
```

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

Here you see how a box with a 4 pixel #62718B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #62718B; -webkit-box-shadow:4px 4px 4px 4px #62718B; box-shadow:4px 4px 4px 4px #62718B }
```

Background

The CSS property to change the background color of an element to Hex 62718B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#62718B }
```

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

```
.background{ background-color:#62718B }
```

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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