

Converting Colors

Hex(648296)

Have a look what the booklet for
Hex(648296) contains.

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Color

Hex(648296)

Conversions

Conversions Part 1

Format	Color
Hex	648296
RGB	100, 130, 150
RGB Percent	39%, 51%, 59%
CMY	0.6078, 0.4902, 0.4118
CMYK	0.33, 0.13, 0.00, 0.41
HSL	204°, 20%, 49%
HSV	204°, 33%, 59%
XYZ	18.7432, 20.8766, 31.8959
YIQ	123.3100, -24.3000, -0.1400

Conversions

Conversions Part 2

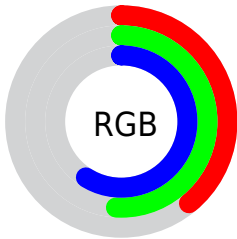
Format	Color
R_{YB}	100, 119, 150
Decimal	6587030
CIE _{Lab}	52.81, -5.58, -14.18
CIE _{LCh}	53, 15.242, 248.515
Yxy	20.8766, 0.2621, 0.2919
Android (android.graphics.Color)	4284777110 (0xFF648296)
YUV	123.3100, 13.1582, -20.4429
Hunter-Lab	45.6909, -6.7354, -9.4055

Details

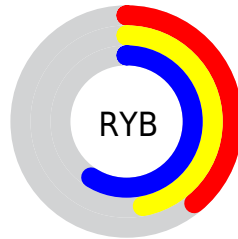
The Hex color **648296** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **967864**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **98B7CC**, and **335163** is the 20% darker color. If you saturate the color by 10%, you get **557C96**, and if you desaturate by 10%, it is **738896**.

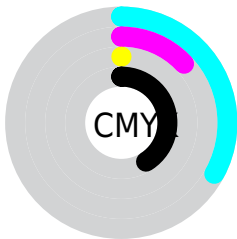
Distribution



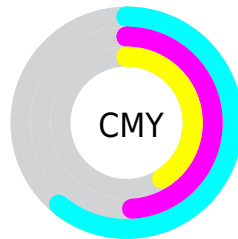
- Red (39%)
- Green (51%)
- Blue (59%)



- Red (39%)
- Yellow (47%)
- Blue (59%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (49%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 648296 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 648296 by changing the saturation by 10% instead.

■ 648296

■ 648296

FFFFFF

■ 4B697C

■ 98B7CC

■ 335163

■ B3D2E8

■ 1A3A4B

■ CFEFFF

■ 002435

■ ECFFFF

■ 000F1F

■ 000004

■ 000000

■ 648296

■ 648296

■ 557C96

■ 738896

■ 467696

■ 828E96

■ 377096

■ 919496

■ 286A96

■ A09A96

■ 196496

■ AFA096

■ 0A5E96

■ BEA696

■ 005A96

■ CDAC96

■ DCB296

■ EBB896

Harmonies

Analogous

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



5B858E



648296



747E98

Triad

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



648296



99757B



768269

Complementary

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



648296



967864

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.



847E64



648296



98766E

Square

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



648296



927688



917A66



678574

Rectangle

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



648296



807B95



917A66



7B8167

Sweetspot

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



648296



AEBAC2



649678



555C61



E0E0E0



616161

Same Dimension

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



648296



74A3C2



646996



43474A



00538A



00060A

Inverse Universe

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



966482



C274A3



969164



4A4347



8A0053



0A0006

Previews

White Background



This preview shows how the Hex color 648296 looks on a white background.

Color Contrast Check

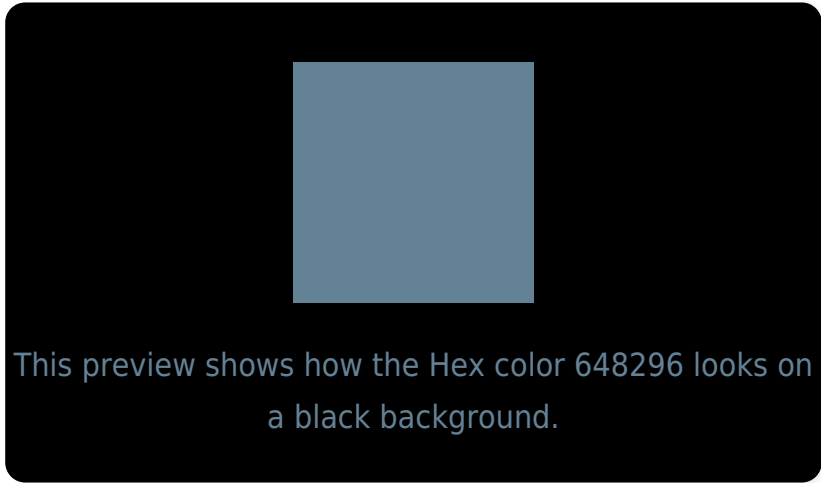
Large Text (above 18pt) WCAG AA ✓ Pass

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

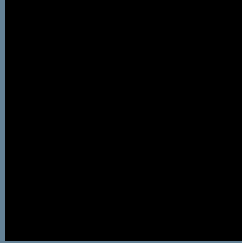
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

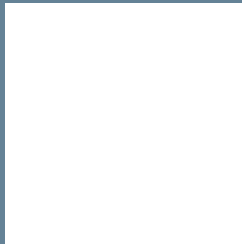
Any Text WCAG AAA × Fail

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

Hex 648296 Background



This preview shows how black text looks on a background with the Hex color 648296.

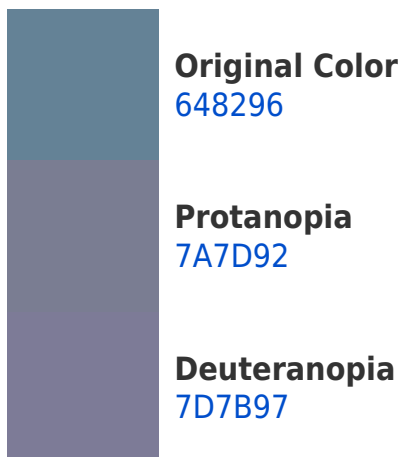


This preview shows how white text looks on a background with the Hex color 648296.

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
62838E

Trichromacy



Original Color
648296

Protanomaly
727F93

Deuteranomaly
747E97

Tritanomaly
638391

Monochromacy



Original Color
648296

Achromatopsia
7B7B7B

Achromatomaly
737E85

CSS Examples

Text

The CSS property to change the color of the text to Hex 648296 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 #648296 looks like.

```
.text, #text, p{  
    color:#648296  
}
```

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 #648296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #648296
}
```

Border

The CSS property to change the border of an element to Hex 648296 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
#648296 }
```

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

```
.border{ border-color:#648296 }
```

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

Here you see how a box with a 4 pixel #648296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #648296; -webkit-box-shadow:4px 4px  
4px 4px #648296; box-shadow:4px 4px 4px  
4px #648296 }
```

Background

The CSS property to change the background color of an element to Hex 648296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#648296 }
```

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

```
.background{ background-color:#648296 }
```

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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