

# Converting Colors

Hex(628392)

Have a look what the booklet for  
Hex(628392) contains.

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# Color

Hex(628392)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	628392
RGB	98, 131, 146
RGB Percent	38%, 51%, 57%
CMY	0.6157, 0.4863, 0.4275
CMYK	0.33, 0.10, 0.00, 0.43
HSL	199°, 20%, 48%
HSV	199°, 33%, 57%
XYZ	18.3416, 20.9046, 30.2624
YIQ	122.8430, -24.4830, -2.3310

# Conversions

## Conversions Part 2

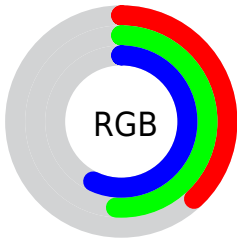
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 118, 146
Decimal	6456210
CIE <sub>Lab</sub>	52.84, -7.81, -11.82
CIE <sub>LCh</sub>	53, 14.168, 236.555
Yxy	20.9046, 0.2639, 0.3007
Android (android.graphics.Color)	4284646290 (0xFF628392)
YUV	122.8430, 11.4164, -21.7873
Hunter-Lab	45.7215, -8.4058, -7.2381

# Details

The Hex color **628392** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **927162**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **96B8C8**, and **315260** is the 20% darker color. If you saturate the color by 10%, you get **537E92**, and if you desaturate by 10%, it is **718892**.

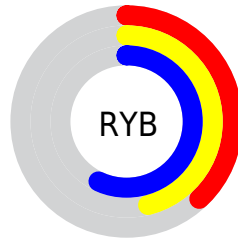
# Distribution



Red (38%)

Green (51%)

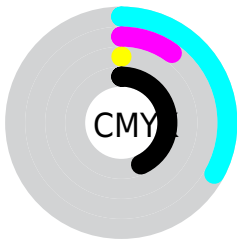
Blue (57%)



Red (38%)

Yellow (46%)

Blue (57%)

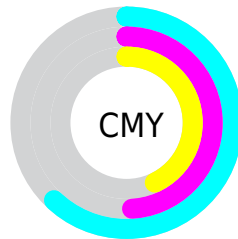


Cyan (33%)

Magenta (10%)

Yellow (0%)

Black (43%)



Cyan (62%)

Magenta (49%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 628392 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 628392 by changing the saturation by 10% instead.



628392

628392

FFFFFF

496A78

96B8C8

315260

B1D4E4

183B48

CDF0FF

002531

EAFFFF

00101C

000000

628392

628392

537E92

718892

457A92

7F8C92

■ 367592

■ 8E9192

■ 287192

■ 9C9592

■ 196C92

■ AB9A92

■ 0A6892

■ BA9E92

■ 006492

■ C8A392

■ D7A892

■ E5AC92

# Harmonies

## Analogous

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



5E8589



628392



6F8096

# Triad

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



628392



967680



7C8168

# Complementary

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



628392



927162

# 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.



897D66



628392



987674

# Square

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



628392



8D788C



93796A



6E8470

# Rectangle

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



628392



797D95



93796A



817F67



# Sweetspot

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



628392



AAB7BD



629270



535B5E



DEDEDE



5E5E5E



# Same Dimension

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



628392



73A6BD



626C92



43484A



005F8A



00070A



# Inverse Universe

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



926283



BD73A6



928862



4A4348



8A005F



0A0007



# Previews

## White Background



This preview shows how the Hex color 628392 looks on a white background.

## Color Contrast Check

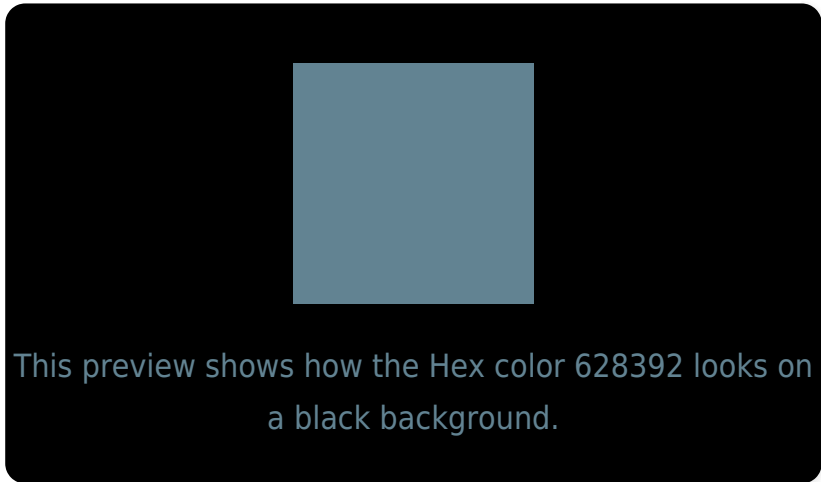
Large Text (above 18pt) WCAG AA ✓ Pass

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

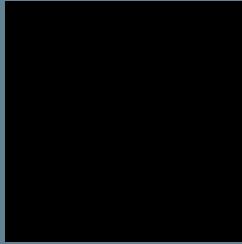
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 628392 Background



This preview shows how black text looks on a background with the Hex color 628392.

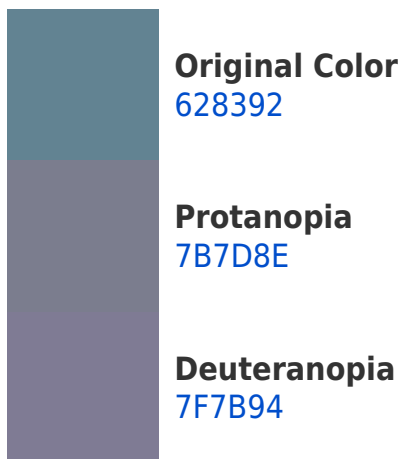


This preview shows how white text looks on a background with the Hex color 628392.

# 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](#).

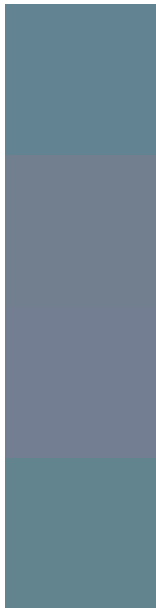
## Dichromacy





**Tritanopia**  
61848E

# Trichromacy



**Original Color**  
628392

**Protanomaly**  
727F8F

**Deuteranomaly**  
747E93

**Tritanomaly**  
61848F

# Monochromacy



**Original Color**  
628392

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
727E83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 628392 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 #628392 looks like.

```
.text, #text, p{  
    color:#628392  
}
```

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 #628392 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628392
}
```

## Border

The CSS property to change the border of an element to Hex 628392 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
#628392 }
```

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

```
.border{ border-color:#628392 }
```

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

Here you see how a box with a 4 pixel #628392 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628392; -webkit-box-shadow:4px 4px  
4px 4px #628392; box-shadow:4px 4px 4px  
4px #628392 }
```

# Background

The CSS property to change the background color of an element to Hex 628392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628392 }
```

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

```
.background{ background-color:#628392 }
```

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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