

# Converting Colors

Hex(628187)

Have a look what the booklet for  
Hex(628187) contains.

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# Color

Hex(628187)

# Conversions

## Conversions Part 1

Format	Color
Hex	628187
RGB	98, 129, 135
RGB Percent	38%, 51%, 53%
CMY	0.6157, 0.4941, 0.4706
CMYK	0.27, 0.04, 0.00, 0.47
HSL	190°, 16%, 46%
HSV	190°, 27%, 53%
XYZ	17.2604, 20.0465, 25.8813
YIQ	120.4150, -20.4020, -4.7060

# Conversions

## Conversions Part 2

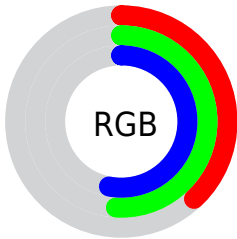
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 115, 135
Decimal	6455687
CIE <sub>Lab</sub>	51.89, -9.48, -6.84
CIE <sub>LCh</sub>	52, 11.693, 215.798
Yxy	20.0465, 0.2732, 0.3173
Android (android.graphics.Color)	4284645767 (0xFF628187)
YUV	120.4150, 7.1904, -19.6580
Hunter-Lab	44.7733, -9.5401, -2.9314

# Details

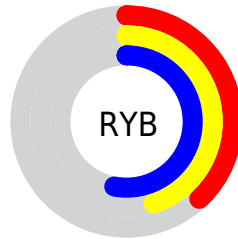
The Hex color **628187** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **876862**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **96B6BC**, and **325055** is the 20% darker color. If you saturate the color by 10%, you get **557F87**, and if you desaturate by 10%, it is **708387**.

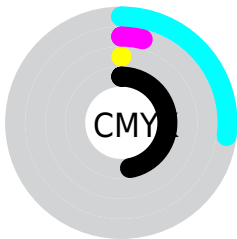
# Distribution



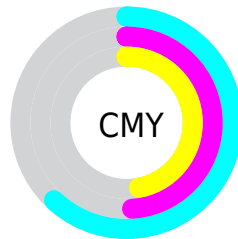
- Red (38%)
- Green (51%)
- Blue (53%)



- Red (38%)
- Yellow (45%)
- Blue (53%)



- Cyan (27%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



- Cyan (62%)
- Magenta (49%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 628187 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 628187 by changing the saturation by 10% instead.



628187

628187

FFFFFF

49686E

96B6BC

325055

B1D1D8

1A393E

CCEEF4

032328

E9FFFF

000E14

000000

628187

628187

557F87

708387

477D87

7D8587

■ 3A7A87

■ 8B8887

■ 2C7887

■ 988A87

■ 1F7687

■ A68C87

■ 117487

■ B38E87

■ 037287

■ C19087

■ 007187

■ CE9387

■ DC9587

# Harmonies

## Analogous

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



64827D



628187



687F8E

# Triad

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



628187



8B7684



827C68

# Complementary

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



628187



876862

# 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.



8B786A



628187



90757A

# Square

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



628187



80798C



907670



767F6B

# Rectangle

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



628187



6F7D8F



907670



857B68



# Sweetspot

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



628187



A2AEB0



628768



505859



D9D9D9



595959



# Same Dimension

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



628187



76A7B0



626F87



3C4142



006D82



000203



# Inverse Universe

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



876281



B076A7



877A62



423C41



82006D



030002



# Previews

## White Background



This preview shows how the Hex color 628187 looks on a white background.

## Color Contrast Check

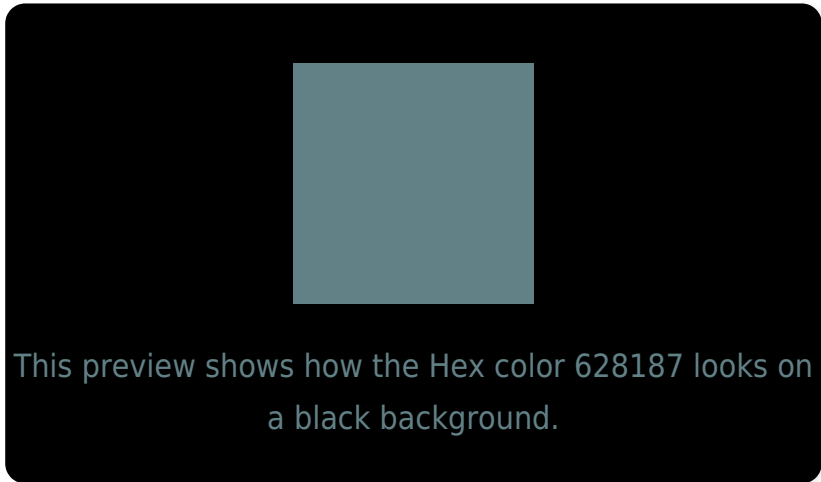
Large Text (above 18pt) WCAG AA ✓ Pass

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

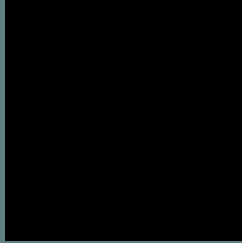
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 628187 Background



This preview shows how black text looks on a background with the Hex color 628187.

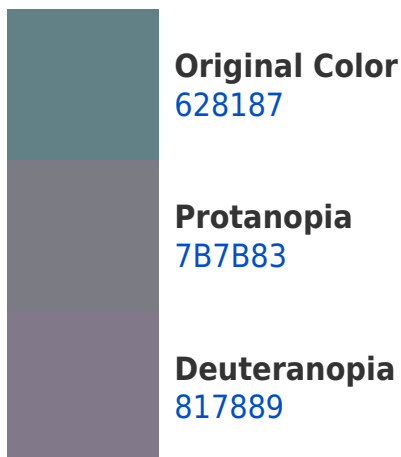


This preview shows how white text looks on a background with the Hex color 628187.

# 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](#).

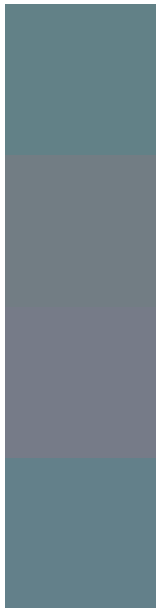
## Dichromacy





**Tritanopia**  
63808B

# Trichromacy



**Original Color**  
628187

**Protanomaly**  
727D84

**Deuteranomaly**  
767B88

**Tritanomaly**  
63808A

# Monochromacy



**Original Color**  
628187

**Achromatopsia**  
787878

**Achromatomaly**  
707B7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 628187 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 #628187 looks like.

```
.text, #text, p{  
    color:#628187  
}
```

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 #628187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628187
}
```

## Border

The CSS property to change the border of an element to Hex 628187 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
#628187 }
```

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

```
.border{ border-color:#628187 }
```

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

Here you see how a box with a 4 pixel #628187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628187; -webkit-box-shadow:4px 4px  
4px 4px #628187; box-shadow:4px 4px 4px  
4px #628187 }
```

# Background

The CSS property to change the background color of an element to Hex 628187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628187 }
```

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

```
.background{ background-color:#628187 }
```

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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