

Converting Colors

Hex(628188)

Have a look what the booklet for
Hex(628188) contains.

Hex(628188)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(628188)

Conversions

Conversions Part 1

Format	Color
Hex	628188
RGB	98, 129, 136
RGB Percent	38%, 51%, 53%
CMY	0.6157, 0.4941, 0.4667
CMYK	0.28, 0.05, 0.00, 0.47
HSL	191°, 16%, 46%
HSV	191°, 28%, 53%
XYZ	17.3312, 20.0748, 26.2539
YIQ	120.5290, -20.7230, -4.3950

Conversions

Conversions Part 2

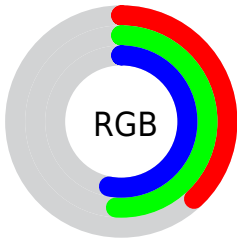
Format	Color
R_{YB}	98, 115, 136
Decimal	6455688
CIE Lab	51.92, -9.23, -7.38
CIE LCh	52, 11.819, 218.615
Yxy	20.0748, 0.2722, 0.3153
Android (android.graphics.Color)	4284645768 (0xFF628188)
YUV	120.5290, 7.6272, -19.7579
Hunter-Lab	44.8049, -9.3620, -3.3782

Details

The Hex color **628188** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **886962**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **96B6BD**, and **325056** is the 20% darker color. If you saturate the color by 10%, you get **547E88**, and if you desaturate by 10%, it is **708488**.

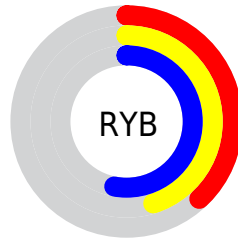
Distribution



Red (38%)

Green (51%)

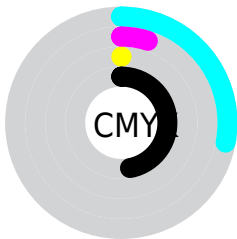
Blue (53%)



Red (38%)

Yellow (45%)

Blue (53%)

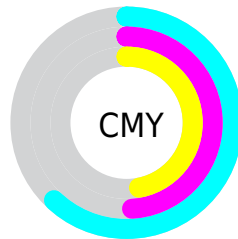


Cyan (28%)

Magenta (5%)

Yellow (0%)

Black (47%)



Cyan (62%)

Magenta (49%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 628188 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 628188 by changing the saturation by 10% instead.



628188



628188

FFFFFF



49686F



96B6BD



325056



B1D1D9



1A393F



CCEEF5



022329



E9FFFF



000E15



000000



628188



628188



547E88



708488



477C88



7D8688

■ 397988

■ 8B8988

■ 2C7788

■ 988B88

■ 1E7488

■ A68E88

■ 107288

■ B49088

■ 036F88

■ C19388

■ 006F88

■ CF9588

■ DC9888

Harmonies

Analogous

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



63827E



628188



697F8E

Triad

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



628188



8C7683



817C68

Complementary

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



628188



886962

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.



8B7969



628188



917579

Square

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



628188



81788C



907670



757F6C

Rectangle

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



628188



707D90



907670



847B68

Sweetspot

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



628188



A2ADB0



628869



505859



D9D9D9



595959

Same Dimension

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



628188



74A5B0



626E88



3E4445



006C85



000405

Inverse Universe

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



886281



B074A5



887C62



453E44



85006C



050004

Previews

White Background



This preview shows how the Hex color 628188 looks on a white background.

Color Contrast Check

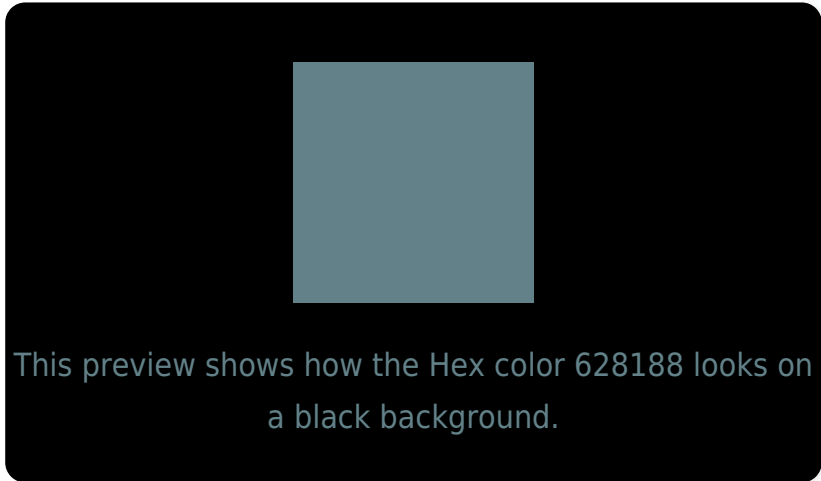
Large Text (above 18pt) WCAG AA ✓ Pass

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

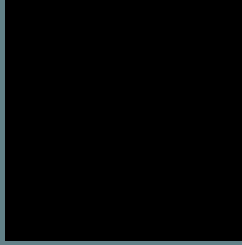
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

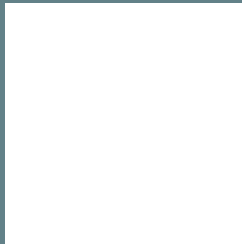
Any Text WCAG AAA × Fail

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

Hex 628188 Background



This preview shows how black text looks on a background with the Hex color 628188.

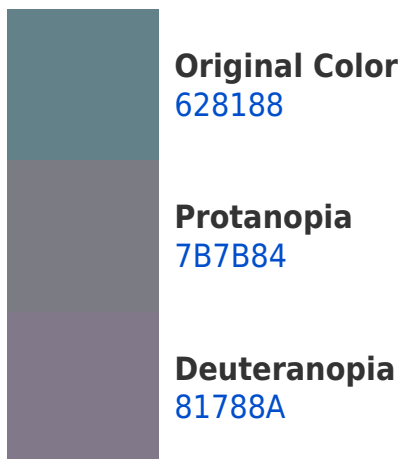


This preview shows how white text looks on a background with the Hex color 628188.

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](#).

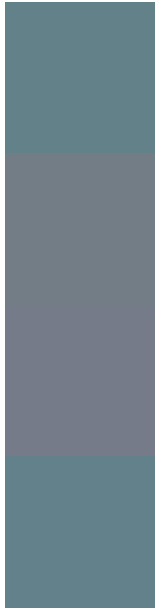
Dichromacy





Tritanopia
63818B

Trichromacy



Original Color
628188

Protanomaly
727D85

Deuteranomaly
767B89

Tritanomaly
63818A

Monochromacy



Original Color
628188

Achromatopsia
797979

Achromatomaly
717C7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 628188 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 #628188 looks like.

```
.text, #text, p{  
    color:#628188  
}
```

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 #628188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628188
}
```

Border

The CSS property to change the border of an element to Hex 628188 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
#628188 }
```

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

```
.border{ border-color:#628188 }
```

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

Here you see how a box with a 4 pixel #628188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628188; -webkit-box-shadow:4px 4px  
4px 4px #628188; box-shadow:4px 4px 4px  
4px #628188 }
```

Background

The CSS property to change the background color of an element to Hex 628188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628188 }
```

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

```
.background{ background-color:#628188 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor