

# Converting Colors

Hex(628D76)

Have a look what the booklet for  
Hex(628D76) contains.

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# Color

Hex(628D76)

# Conversions

## Conversions Part 1

Format	Color
Hex	628D76
RGB	98, 141, 118
RGB Percent	38%, 55%, 46%
CMY	0.6157, 0.4471, 0.5373
CMYK	0.30, 0.00, 0.16, 0.45
HSL	148°, 18%, 47%
HSV	148°, 30%, 55%
XYZ	17.8319, 22.9544, 20.6303
YIQ	125.5210, -18.2450, -16.2690

# Conversions

## Conversions Part 2

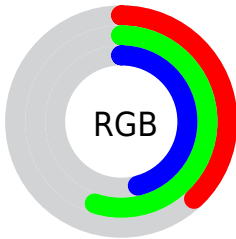
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 127, 141
Decimal	6458742
CIE <sub>Lab</sub>	55.03, -19.91, 7.59
CIE <sub>LCh</sub>	55, 21.305, 159.141
Y <sub>xy</sub>	22.9544, 0.2903, 0.3737
Android (android.graphics.Color)	4284648822 (0xFF628D76)
YUV	125.5210, -3.7079, -24.1359
Hunter-Lab	47.9108, -17.4080, 8.0073

# Details

The Hex color **628D76** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8D6279**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **96C3AA**, and **315B46** is the 20% darker color. If you saturate the color by 10%, you get **548D6E**, and if you desaturate by 10%, it is **708D7E**.

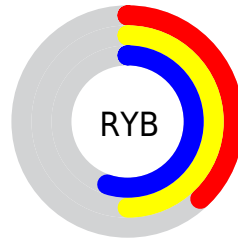
# Distribution



Red (38%)

Green (55%)

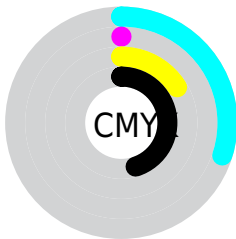
Blue (46%)



Red (38%)

Yellow (50%)

Blue (55%)

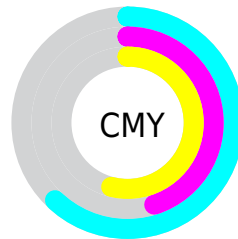


Cyan (30%)

Magenta (0%)

Yellow (16%)

Black (45%)



Cyan (62%)

Magenta (45%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 628D76 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 628D76 by changing the saturation by 10% instead.



 628D76

 628D76

FFFFFF

 49735D

 96C3AA

 315B46

 B1DFC5

 1A432F

 CDFBE1

 012C1A

 E9FFFE

 001A00

 000000

 628D76

 628D76

 548D6E

 708D7E

 468D67

 7E8D85

 388D5F

 8C8D8D

 2A8D58

 9A8D94

 1C8D50

 A98D9C

 0D8D49

 B78DA3

 008D42

 C58DAB

 D38DB2

 E18DBA

# Harmonies

## Analogous

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



778A67



628D76



518E89

# Triad

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



628D76



7583A8



A7796D

# Complementary

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



628D76



8D6279

# 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.



A9767F



628D76



8E7DA0

# Square

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



628D76



5C89A6



A07891



9D7E62

# Rectangle

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



628D76



4D8E95



A07891



A97873



# Sweetspot

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



628D76



A7B8AF



7A8D62



525C56



DBDBDB



5C5C5C



# Same Dimension

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



628D76



74B893



628D8B



404744



00873F



000804



# Inverse Universe

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



8D6279



B87498



8D6264



474044



870048



080004



# Previews

## White Background



This preview shows how the Hex color 628D76 looks on a white background.

## Color Contrast Check

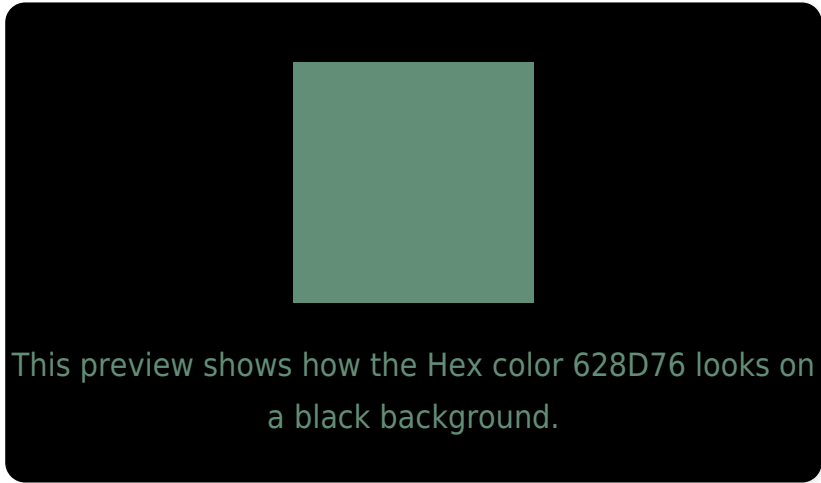
Large Text (above 18pt) WCAG AA ✓ Pass

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

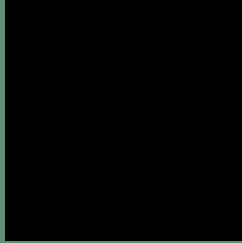
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 628D76 Background



This preview shows how black text looks on a background with the Hex color 628D76.

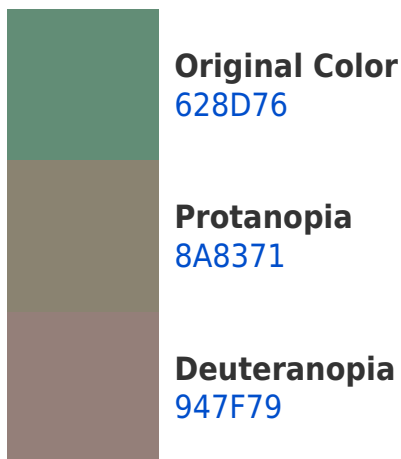


This preview shows how white text looks on a background with the Hex color 628D76.

# 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**  
688994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 628D76 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 #628D76 looks like.

```
.text, #text, p{  
    color:#628D76  
}
```

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 #628D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628D76
}
```

## Border

The CSS property to change the border of an element to Hex 628D76 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
#628D76 }
```

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

```
.border{ border-color:#628D76 }
```

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

Here you see how a box with a 4 pixel #628D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628D76; -webkit-box-shadow:4px 4px  
4px 4px #628D76; box-shadow:4px 4px 4px  
4px #628D76 }
```

# Background

The CSS property to change the background color of an element to Hex 628D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628D76 }
```

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

```
.background{ background-color:#628D76 }
```

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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