

Converting Colors

Hex(628B91)

Have a look what the booklet for
Hex(628B91) contains.

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Color

Hex(628B91)

Conversions

Conversions Part 1

Format	Color
Hex	628B91
RGB	98, 139, 145
RGB Percent	38%, 55%, 57%
CMY	0.6157, 0.4549, 0.4314
CMYK	0.32, 0.04, 0.00, 0.43
HSL	188°, 19%, 48%
HSV	188°, 32%, 57%
XYZ	19.3805, 23.1062, 30.2266
YIQ	127.4250, -26.3620, -6.8260

Conversions

Conversions Part 2

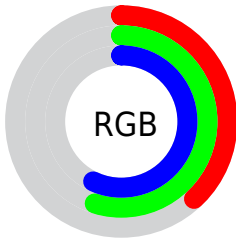
Format	Color
R _Y B	98, 120, 145
Decimal	6458257
CIE Lab	55.18, -12.53, -7.74
CIE LCh	55, 14.725, 211.720
Yxy	23.1062, 0.2665, 0.3178
Android (android.graphics.Color)	4284648337 (0xFF628B91)
YUV	127.4250, 8.6645, -25.8057
Hunter-Lab	48.0690, -12.1530, -3.6343

Details

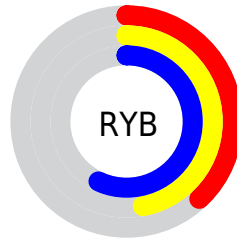
The Hex color **628B91** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **916862**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **96C1C7**, and **30595F** is the 20% darker color. If you saturate the color by 10%, you get **548991**, and if you desaturate by 10%, it is **718D91**.

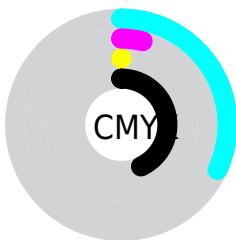
Distribution



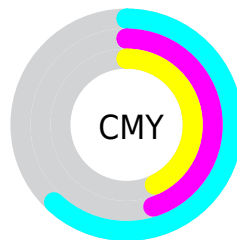
- Red (38%)
- Green (55%)
- Blue (57%)



- Red (38%)
- Yellow (47%)
- Blue (57%)



- Cyan (32%)
- Magenta (4%)
- Yellow (0%)
- Black (43%)



- Cyan (62%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 628B91 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 628B91 by changing the saturation by 10% instead.

628B91

628B91

FFFFFF

497177

96C1C7

30595F

B1DCE3

174147

CDF9FF

002B31

EAFFFF

00181C

000000

628B91

628B91

548991

718D91

458791

7F8F91

■ 378591

■ 8E9191

■ 288491

■ 9C9291

■ 1A8291

■ AB9491

■ 0B8091

■ B99691

■ 007E91

■ C89891

■ D69A91

■ E49C91

Harmonies

Analogous

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



668C84



628B91



68899A

Triad

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



628B91



957D90



8D836B

Complementary

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



628B91



916862

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.



997F6E



628B91



9E7B84

Square

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



628B91



87819A



9E7C77



7F876E

Rectangle

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



628B91



71869D



9E7C77



92826B

Sweetspot

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



628B91



AABABD



629167



535D5E



DEDEDE



5E5E5E

Same Dimension

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



628B91



73B3BD



627491



404647



007687



000708

Inverse Universe

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



91628B



BD73B3



917F62



474046



870076



080007

Previews

White Background



This preview shows how the Hex color 628B91 looks on a white background.

Color Contrast Check

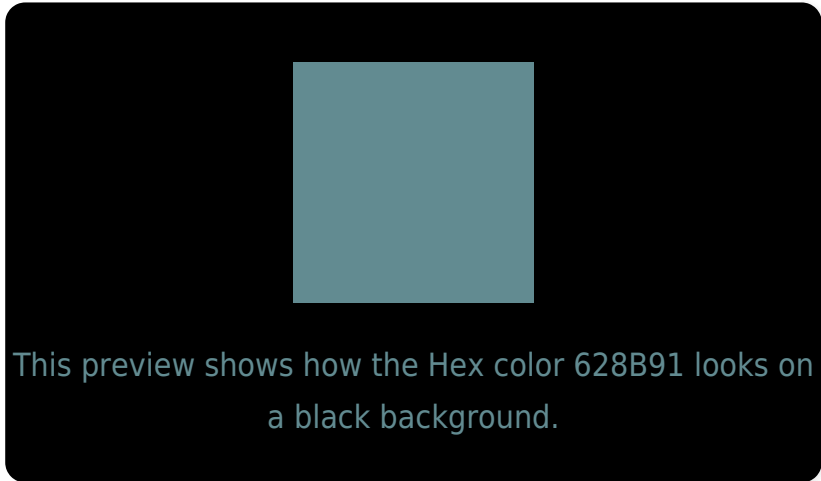
Large Text (above 18pt) WCAG AA ✓ Pass

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

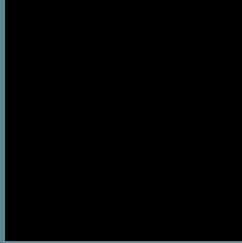
Any Text WCAG AA ✓ Pass

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 628B91 Background



This preview shows how black text looks on a background with the Hex color 628B91.

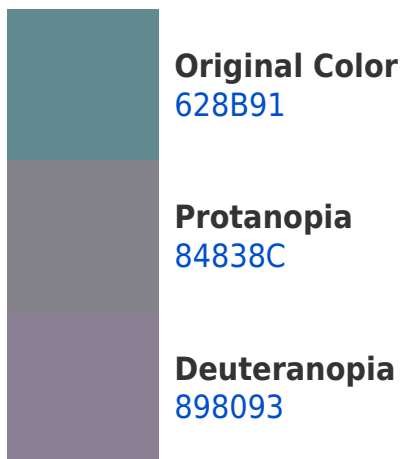



This preview shows how white text looks on a background with the Hex color 628B91.

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
638A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 628B91 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 #628B91 looks like.

```
.text, #text, p{  
    color:#628B91  
}
```

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 #628B91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628B91
}
```

Border

The CSS property to change the border of an element to Hex 628B91 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
#628B91 }
```

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

```
.border{ border-color:#628B91 }
```

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

Here you see how a box with a 4 pixel #628B91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628B91; -webkit-box-shadow:4px 4px  
4px 4px #628B91; box-shadow:4px 4px 4px  
4px #628B91 }
```

Background

The CSS property to change the background color of an element to Hex 628B91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628B91 }
```

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

```
.background{ background-color:#628B91 }
```

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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