

Converting Colors

Hex(618687)

Have a look what the booklet for
Hex(618687) contains.

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Color

Hex(618687)

Conversions

Conversions Part 1

Format	Color
Hex	618687
RGB	97, 134, 135
RGB Percent	38%, 53%, 53%
CMY	0.6196, 0.4745, 0.4706
CMYK	0.28, 0.01, 0.00, 0.47
HSL	182°, 16%, 45%
HSV	182°, 28%, 53%
XYZ	17.8280, 21.3409, 26.1012
YIQ	123.0510, -22.3730, -7.5330

Conversions

Conversions Part 2

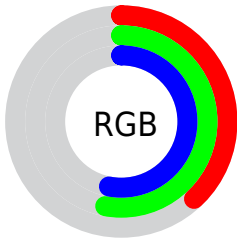
Format	Color
R_{YB}	97, 116, 135
Decimal	6391431
CIE _{Lab}	53.32, -12.58, -4.72
CIE _{LCh}	53, 13.438, 200.575
Yxy	21.3409, 0.2731, 0.3270
Android (android.graphics.Color)	4284581511 (0xFF618687)
YUV	123.0510, 5.8909, -22.8467
Hunter-Lab	46.1962, -11.9565, -1.1621

Details

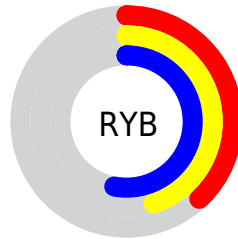
The Hex color **618687** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **876261**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **95BBBC**, and **305455** is the 20% darker color. If you saturate the color by 10%, you get **548687**, and if you desaturate by 10%, it is **6F8687**.

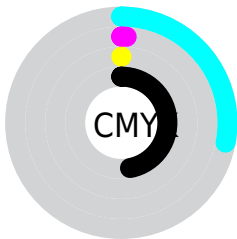
Distribution



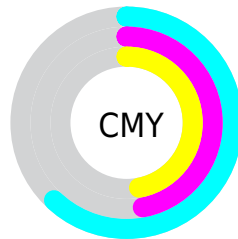
- Red (38%)
- Green (53%)
- Blue (53%)



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



- Cyan (28%)
- Magenta (1%)
- Yellow (0%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 618687 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 618687 by changing the saturation by 10% instead.

618687

618687

FFFFFF

486D6E

95BBBC

305455

B0D7D8

193D3E

CCF3F4

002728

E8FFFF

001414

000000

618687

618687

548687

6F8687

468587

7C8787

■ 398587

■ 8A8787

■ 2B8587

■ 978787

■ 1D8487

■ A58887

■ 108487

■ B28887

■ 028487

■ C08887

■ 008387

■ CD8987

■ DB8987

Harmonies

Analogous

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



67867B



618687



638491

Triad

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



618687



8B7A8E



8C7D69

Complementary

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



618687



876261

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.



957A6E



618687



947883

Square

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



618687



7D7E95



987878



80816A

Rectangle

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



618687



6A8395



987878



8F7C6A

Sweetspot

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



618687



A2B0B0



618762



505959



D9D9D9



595959

Same Dimension

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



618687



74AEB0



617387



3C4242



007F82



000203

Inverse Universe

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



876186



B074AE



877561



423C42



82007F



030002

Previews

White Background



This preview shows how the Hex color 618687 looks on a white background.

Color Contrast Check

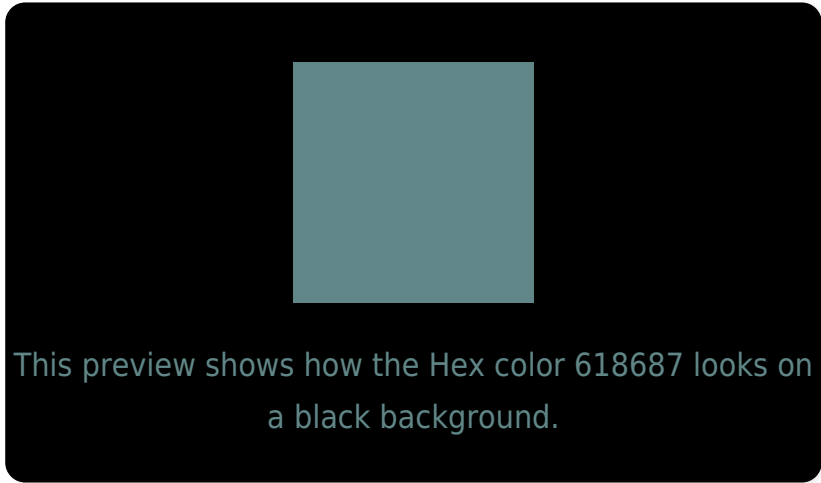
Large Text (above 18pt) WCAG AA ✓ Pass

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

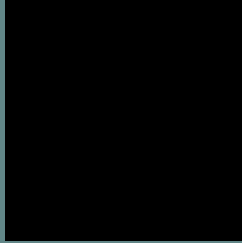
Any Text WCAG AA ✓ Pass

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 618687 Background



This preview shows how black text looks on a background with the Hex color 618687.

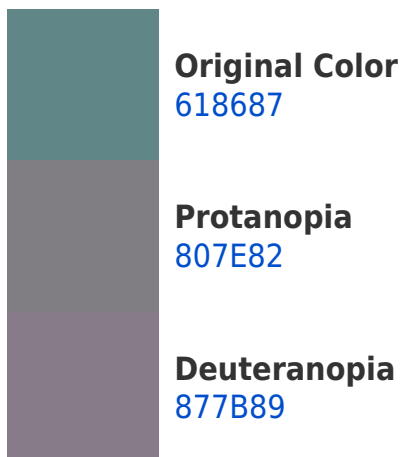



This preview shows how white text looks on a background with the Hex color 618687.

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](#).

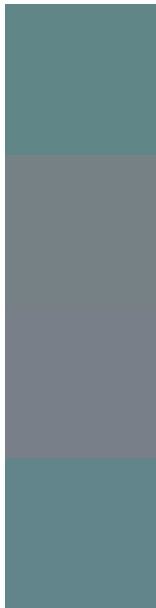
Dichromacy





Tritanopia
63858F

Trichromacy



Original Color
618687

Protanomaly
758184

Deuteranomaly
797F88

Tritanomaly
62858C

Monochromacy



Original Color
618687

Achromatopsia
7B7B7B

Achromatomaly
727F7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 618687 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 #618687 looks like.

```
.text, #text, p{  
    color:#618687  
}
```

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 #618687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618687
}
```

Border

The CSS property to change the border of an element to Hex 618687 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
#618687 }
```

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

```
.border{ border-color:#618687 }
```

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

Here you see how a box with a 4 pixel #618687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618687; -webkit-box-shadow:4px 4px  
4px 4px #618687; box-shadow:4px 4px 4px  
4px #618687 }
```

Background

The CSS property to change the background color of an element to Hex 618687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618687 }
```

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

```
.background{ background-color:#618687 }
```

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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