

Converting Colors

Hex(618A83)

Have a look what the booklet for
Hex(618A83) contains.

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Color

Hex(618A83)

Conversions

Conversions Part 1

Format	Color
Hex	618A83
RGB	97, 138, 131
RGB Percent	38%, 54%, 51%
CMY	0.6196, 0.4588, 0.4863
CMYK	0.30, 0.00, 0.05, 0.46
HSL	170°, 17%, 46%
HSV	170°, 30%, 54%
XYZ	18.1150, 22.3570, 24.8333
YIQ	124.9430, -22.1890, -10.8690

Conversions

Conversions Part 2

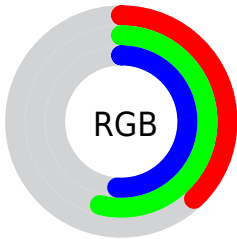
Format	Color
R _Y B	97, 119, 138
Decimal	6392451
CIE Lab	54.40, -15.72, -0.81
CIE LCh	54, 15.744, 182.947
Yxy	22.3570, 0.2774, 0.3423
Android (android.graphics.Color)	4284582531 (0xFF618A83)
YUV	124.9430, 2.9861, -24.5060
Hunter-Lab	47.2832, -14.3594, 1.9590

Details

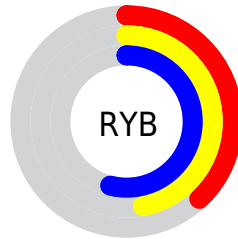
The Hex color **618A83** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A6168**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **95C0B8**, and **305852** is the 20% darker color. If you saturate the color by 10%, you get **538A81**, and if you desaturate by 10%, it is **6F8A85**.

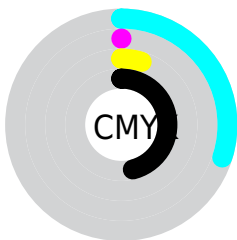
Distribution



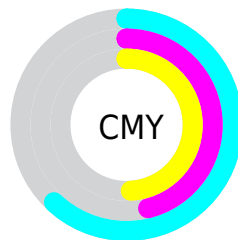
- Red (38%)
- Green (54%)
- Blue (51%)



- Red (38%)
- Yellow (47%)
- Blue (54%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (46%)



- Cyan (62%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 618A83 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 618A83 by changing the saturation by 10% instead.

■ 618A83

■ 618A83

FFFFFF

■ 48706A

■ 95C0B8

■ 305852

■ B0DBD4

■ 18403B

■ CCF8F0

■ 002A25

■ E8FFFF

■ 001710

■ 000000

■ 618A83

■ 618A83

■ 538A81

■ 6F8A85

■ 458A7E

■ 7D8A88

■ 388A7C

■ 8A8A8A

■ 2A8A7A

■ 988A8C

■ 1C8A77

■ A68A8F

■ 0E8A75

■ B48A91

■ 008A73

■ C28A93

■ 008A72

■ CF8A96

■ DD8A98

Harmonies

Analogous

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



6D8975



618A83



5D8990

Triad

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



618A83



867E99



977D6A

Complementary

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



618A83



8A6168

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.



9E7A74



618A83



957A8F

Square

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



618A83



74839D



9D7981



8B8267

Rectangle

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



618A83



618897



9D7981



9A7C6D

Sweetspot

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



618A83



A2B3B0



698A61



4F5958



D9D9D9



595959

Same Dimension

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



618A83



72B3A8



617D8A



3E4544



00856E



000504

Inverse Universe

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



8A6168



B3727D



8A6E61



453E3F



850017



050001

Previews

White Background



This preview shows how the Hex color 618A83 looks on a white background.

Color Contrast Check

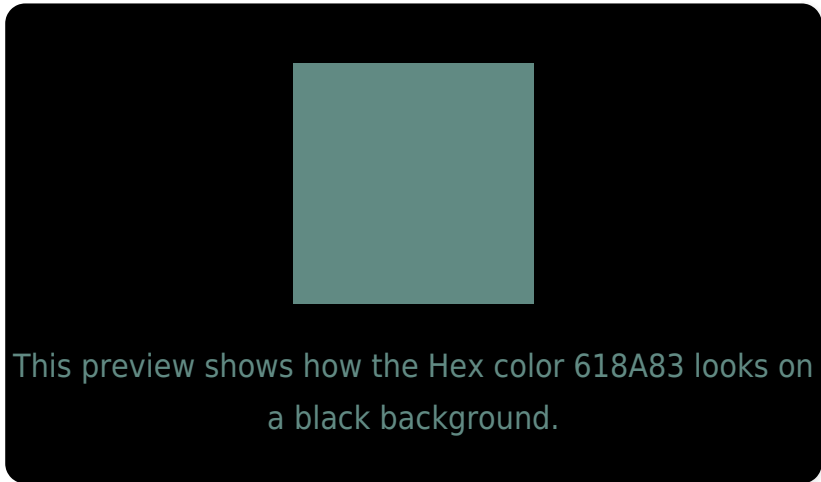
Large Text (above 18pt) WCAG AA ✓ Pass

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

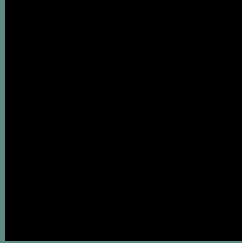
Any Text WCAG AA ✓ Pass

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 618A83 Background



This preview shows how black text looks on a background with the Hex color 618A83.

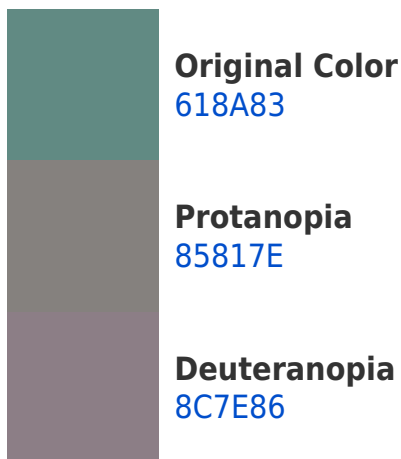


This preview shows how white text looks on a background with the Hex color 618A83.

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](#).

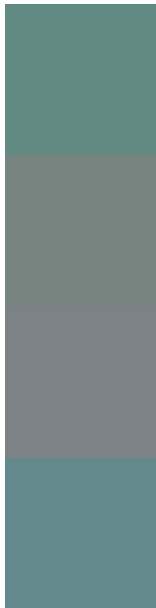
Dichromacy





Tritanopia
648893

Trichromacy



Original Color
618A83

Protanomaly
788480

Deuteranomaly
7C8285

Tritanomaly
63898D

Monochromacy



Original Color
618A83

Achromatopsia
7D7D7D

Achromatomaly
73827F

CSS Examples

Text

The CSS property to change the color of the text to Hex 618A83 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 #618A83 looks like.

```
.text, #text, p{  
    color:#618A83  
}
```

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 #618A83 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #618A83
}
```

Border

The CSS property to change the border of an element to Hex 618A83 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
#618A83 }
```

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

```
.border{ border-color:#618A83 }
```

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

Here you see how a box with a 4 pixel #618A83 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #618A83; -webkit-box-shadow:4px 4px  
4px 4px #618A83; box-shadow:4px 4px 4px  
4px #618A83 }
```

Background

The CSS property to change the background color of an element to Hex 618A83 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#618A83 }
```

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

```
.background{ background-color:#618A83 }
```

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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