

Converting Colors

Hex(5F8387)

Have a look what the booklet for
Hex(5F8387) contains.

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Color

Hex(5F8387)

Conversions

Conversions Part 1

Format	Color
Hex	5F8387
RGB	95, 131, 135
RGB Percent	37%, 51%, 53%
CMY	0.6275, 0.4863, 0.4706
CMYK	0.30, 0.03, 0.00, 0.47
HSL	186°, 17%, 45%
HSV	186°, 30%, 53%
XYZ	17.2088, 20.4148, 25.9551
YIQ	120.6920, -22.7400, -6.3880

Conversions

Conversions Part 2

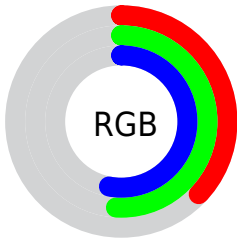
Format	Color
R_{YB}	95, 114, 135
Decimal	6259591
CIE _{Lab}	52.30, -11.55, -6.24
CIE _{LCh}	52, 13.128, 208.403
Y _{xy}	20.4148, 0.2707, 0.3211
Android (android.graphics.Color)	4284449671 (0xFF5F8387)
YUV	120.6920, 7.0538, -22.5319
Hunter-Lab	45.1827, -11.0842, -2.4311

Details

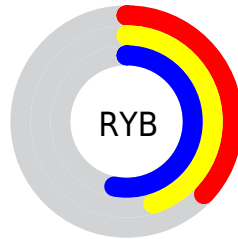
The Hex color **5F8387** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **87635F**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **93B8BC**, and **2E5255** is the 20% darker color. If you saturate the color by 10%, you get **528287**, and if you desaturate by 10%, it is **6D8487**.

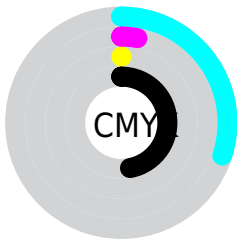
Distribution



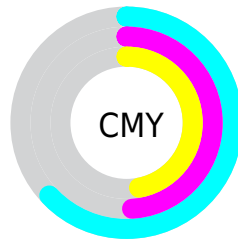
- Red (37%)
- Green (51%)
- Blue (53%)



- Red (37%)
- Yellow (45%)
- Blue (53%)



- Cyan (30%)
- Magenta (3%)
- Yellow (0%)
- Black (47%)



- Cyan (63%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F8387 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 5F8387 by changing the saturation by 10% instead.



5F8387



5F8387

FFFFFF



466A6E



93B8BC



2E5255



AED4D8



163A3E



C9F0F4



002528



E6FFFF



001014



000000



5F8387



5F8387



528287



6D8487



448087



7A8687

■ 377F87

■ 888787

■ 297E87

■ 958887

■ 1C7C87

■ A38A87

■ 0E7B87

■ B08B87

■ 017A87

■ BE8C87

■ 007987

■ CB8E87

■ D98F87

Harmonies

Analogous

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



63837C



5F8387



648190

Triad

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



5F8387



8B7789



867C66

Complementary

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



5F8387



87635F

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.



90786A



5F8387



93757E

Square

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



5F8387



7E7A90



947673



7A7F69

Rectangle

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



5F8387



6B7F92



947673



8A7B67

Sweetspot

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



5F8387



A0AEB0



5F8763



4F5859



D9D9D9



595959

Same Dimension

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



5F8387



71AAB0



5F6F87



3C4242



007582



000203

Inverse Universe

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



875F83



B071AA



87775F



423C42



820075



030002

Previews

White Background



This preview shows how the Hex color 5F8387 looks on a white background.

Color Contrast Check

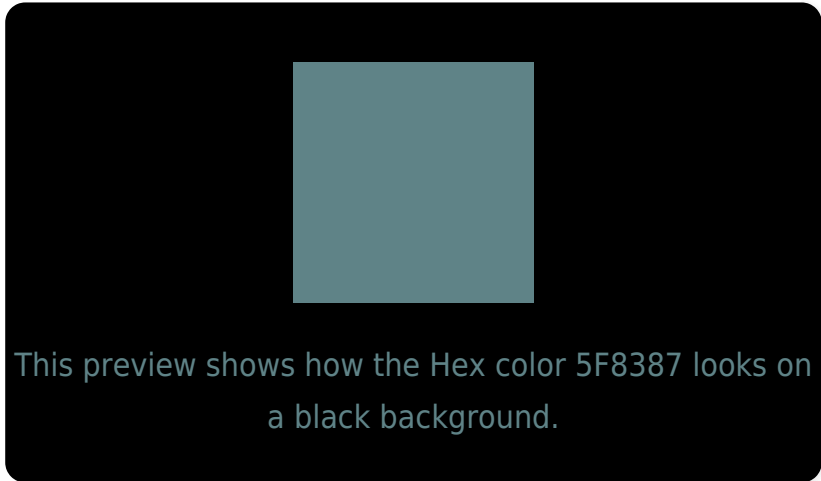
Large Text (above 18pt) WCAG AA ✓ Pass

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

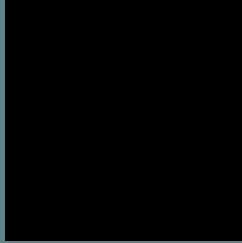
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

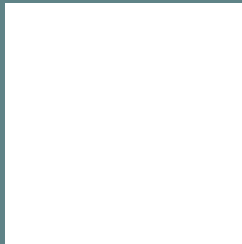
Any Text WCAG AAA × Fail

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

Hex 5F8387 Background



This preview shows how black text looks on a background with the Hex color 5F8387.

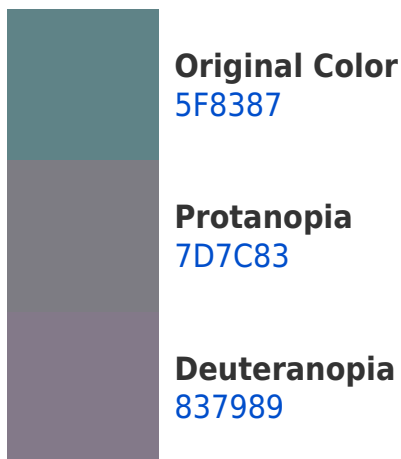



This preview shows how white text looks on a background with the Hex color 5F8387.

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](#).

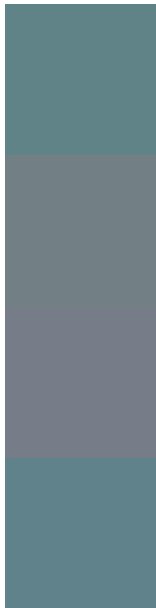
Dichromacy





Tritanopia
60828D

Trichromacy



Original Color
5F8387

Protanomaly
727F84

Deuteranomaly
767D88

Tritanomaly
60828B

Monochromacy



Original Color
5F8387

Achromatopsia
797979

Achromatomaly
707D7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F8387 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 #5F8387 looks like.

```
.text, #text, p{  
    color:#5F8387  
}
```

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 #5F8387 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F8387
}
```

Border

The CSS property to change the border of an element to Hex 5F8387 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
#5F8387 }
```

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

```
.border{ border-color:#5F8387 }
```

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

Here you see how a box with a 4 pixel #5F8387 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F8387; -webkit-box-shadow:4px 4px  
4px 4px #5F8387; box-shadow:4px 4px 4px  
4px #5F8387 }
```

Background

The CSS property to change the background color of an element to Hex 5F8387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F8387 }
```

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

```
.background{ background-color:#5F8387 }
```

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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