

Converting Colors

Hex(5D9F87)

Have a look what the booklet for
Hex(5D9F87) contains.

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Color

Hex(5D9F87)

Conversions

Conversions Part 1

Format	Color
Hex	5D9F87
RGB	93, 159, 135
RGB Percent	36%, 62%, 53%
CMY	0.6353, 0.3765, 0.4706
CMYK	0.42, 0.00, 0.15, 0.38
HSL	158°, 26%, 49%
HSV	158°, 42%, 62%
XYZ	21.2855, 28.8727, 27.3728
YIQ	136.5300, -31.6320, -21.4560

Conversions

Conversions Part 2

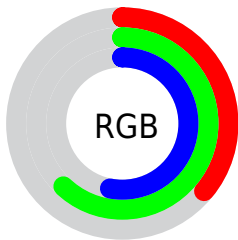
Format	Color
RYB	93, 133, 159
Decimal	6135687
CIELab	60.67, -26.84, 5.96
CIElCh	61, 27.490, 167.474
Yxy	28.8727, 0.2745, 0.3724
Android (android.graphics.Color)	4284325767 (0xFF5D9F87)
YUV	136.5300, -0.7543, -38.1758
Hunter-Lab	53.7333, -23.3237, 7.4099

Details

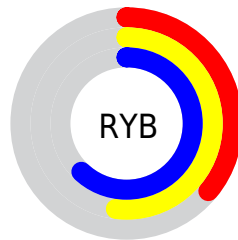
The Hex color **5D9F87** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F5D75**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **92D6BC**, and **286B55** is the 20% darker color. If you saturate the color by 10%, you get **4D9F81**, and if you desaturate by 10%, it is **6D9F8D**.

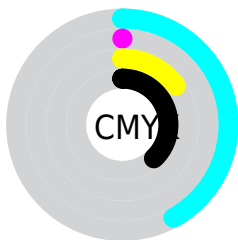
Distribution



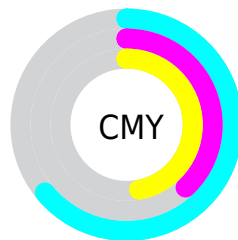
- Red (36%)
- Green (62%)
- Blue (53%)



- Red (36%)
- Yellow (52%)
- Blue (62%)



- Cyan (42%)
- Magenta (0%)
- Yellow (15%)
- Black (38%)



- Cyan (64%)
- Magenta (38%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D9F87 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 5D9F87 by changing the saturation by 10% instead.



5D9F87



5D9F87

FFFFFF



43856E



92D6BC



286B55



AEF3D8



08533E



CAFFF4



003B28



E7FFFF



002514



000500



000000



5D9F87



5D9F87



4D9F81



6D9F8D

 3D9F7B

 7D9F93

 2D9F76

 8D9F98

 1D9F70

 9D9F9E

 0D9F6A

 AC9FA4

 009F65

 BC9FAA

 CC9FAF

 DC9FB5

 EC9FBB

Harmonies

Analogous

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



799B71



5D9F87



47A0A0

Triad

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



5D9F87



8790C0



BD8570

Complementary

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



5D9F87



9F5D75

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.



C38185



5D9F87



A787B3

Square

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



5D9F87



6398C1



BC819E



AC8D63

Rectangle

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



5D9F87



439EAF



BC819E



C08376

Sweetspot

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



5D9F87



B6CFC6



759F5D



5A6963



E8E8E8



696969

Same Dimension

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



5D9F87



67CFA9



5D969F



474F4C



008F5B



000F0A

Inverse Universe

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



9F5D75



CF678D



9F665D



4F474A



8F0034



0F0006

Previews

White Background



This preview shows how the Hex color 5D9F87 looks on a white background.

Color Contrast Check

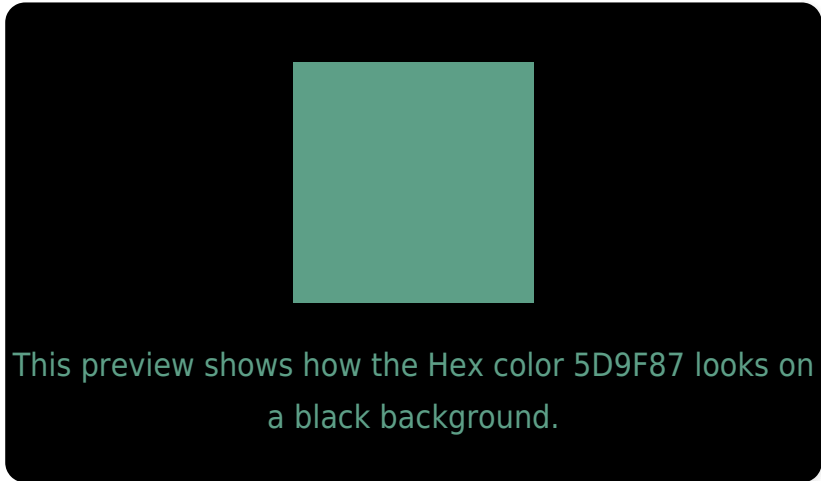
Large Text (above 18pt) WCAG AA ✓ Pass

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

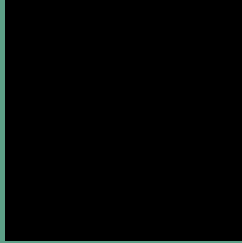
Any Text WCAG AA ✓ Pass

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 5D9F87 Background



This preview shows how black text looks on a background with the Hex color 5D9F87.



This preview shows how white text looks on a background with the Hex color 5D9F87.

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
659BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D9F87 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 #5D9F87 looks like.

```
.text, #text, p{  
    color:#5D9F87  
}
```

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 #5D9F87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9F87
}
```

Border

The CSS property to change the border of an element to Hex 5D9F87 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
#5D9F87 }
```

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

```
.border{ border-color:#5D9F87 }
```

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

Here you see how a box with a 4 pixel #5D9F87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9F87; -webkit-box-shadow:4px 4px  
4px 4px #5D9F87; box-shadow:4px 4px 4px  
4px #5D9F87 }
```

Background

The CSS property to change the background color of an element to Hex 5D9F87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9F87 }
```

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

```
.background{ background-color:#5D9F87 }
```

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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