

Converting Colors

Hex(5F9E91)

Have a look what the booklet for
Hex(5F9E91) contains.

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Color

Hex(5F9E91)

Conversions

Conversions Part 1

Format	Color
Hex	5F9E91
RGB	95, 158, 145
RGB Percent	37%, 62%, 57%
CMY	0.6275, 0.3804, 0.4314
CMYK	0.40, 0.00, 0.08, 0.38
HSL	168°, 25%, 50%
HSV	168°, 40%, 62%
XYZ	22.0570, 28.9309, 31.2098
YIQ	137.6810, -33.3750, -17.3990

Conversions

Conversions Part 2

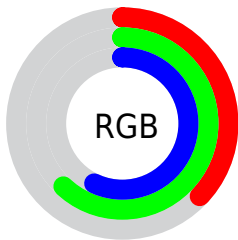
Format	Color
R_{YB}	95, 130, 158
Decimal	6266513
CIE _{Lab}	60.72, -23.43, 0.41
CIE _{LCh}	61, 23.436, 179.001
Yxy	28.9309, 0.2683, 0.3520
Android (android.graphics.Color)	4284456593 (0xFF5F9E91)
YUV	137.6810, 3.6083, -37.4312
Hunter-Lab	53.7875, -20.9294, 3.2487

Details

The Hex color **5F9E91** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9E5F6C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **94D5C7**, and **2B6A5F** is the 20% darker color. If you saturate the color by 10%, you get **4F9E8E**, and if you desaturate by 10%, it is **6F9E94**.

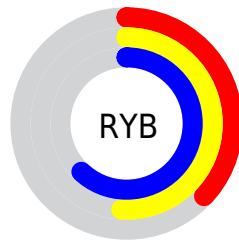
Distribution



Red (37%)

Green (62%)

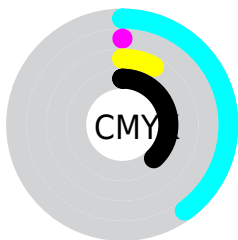
Blue (57%)



Red (37%)

Yellow (51%)

Blue (62%)

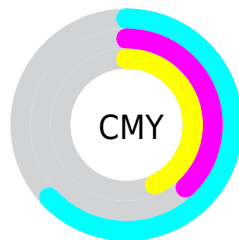


Cyan (40%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (63%)

Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F9E91 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 5F9E91 by changing the saturation by 10% instead.

■ 5F9E91

■ 5F9E91

FFFFFF

■ 458477

■ 94D5C7

■ 2B6A5F

■ B0F1E3

■ 0B5247

■ CCFFFF

■ 003A31

■ E9FFFF

■ 00251C

■ 000501

■ 000000

■ 5F9E91

■ 5F9E91

■ 4F9E8E

■ 6F9E94

 3F9E8A

 7F9E98

 309E87

 8E9E9B

 209E84

 9E9E9E

 109E81

 AE9EA1

 009E7D

 BE9EA5

 CE9EA8

 DD9EAB

 ED9EAE

Harmonies

Analogous

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



749C7D



5F9E91



549DA6

Triad

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



5F9E91



958DB7



B38A70

Complementary

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



5F9E91



9E5F6C

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.



BC857F



5F9E91



AC87A8

Square

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



5F9E91



7895BB



BA8394



A29169

Rectangle

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



5F9E91



599CB1



BA8394



B78874

Sweetspot

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



5F9E91



B6CFC9



6D9E5F



5A6966



E8E8E8



696969

Same Dimension

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



5F9E91



6BCFBA



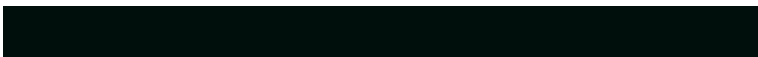
5F8C9E



474F4D



008F71



000F0C

Inverse Universe

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



9E5F6C



CF6B80



9E715F



4F4749



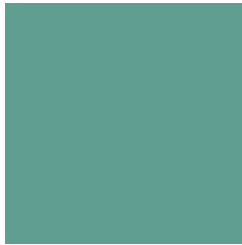
8F001D



0F0003

Previews

White Background



This preview shows how the Hex color 5F9E91 looks on a white background.

Color Contrast Check

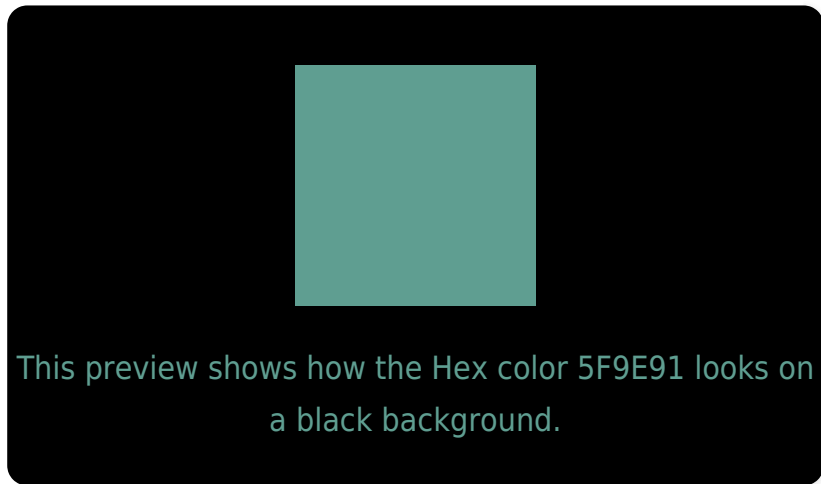
Large Text (above 18pt) WCAG AA ✓ Pass

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

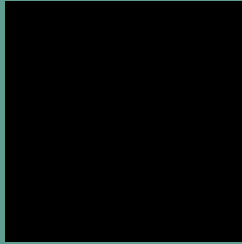
Any Text WCAG AA ✓ Pass

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 5F9E91 Background



This preview shows how black text looks on a background with the Hex color 5F9E91.

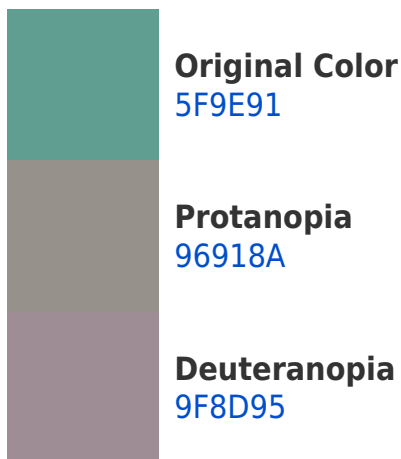


This preview shows how white text looks on a background with the Hex color 5F9E91.

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



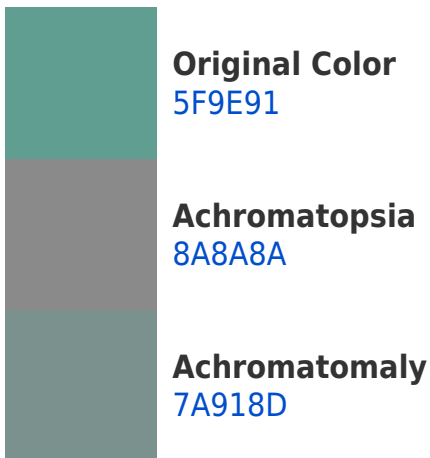


Tritanopia
659BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F9E91 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 #5F9E91 looks like.

```
.text, #text, p{  
    color:#5F9E91  
}
```

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 #5F9E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9E91
}
```

Border

The CSS property to change the border of an element to Hex 5F9E91 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
#5F9E91 }
```

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

```
.border{ border-color:#5F9E91 }
```

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

Here you see how a box with a 4 pixel #5F9E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9E91; -webkit-box-shadow:4px 4px  
4px 4px #5F9E91; box-shadow:4px 4px 4px  
4px #5F9E91 }
```

Background

The CSS property to change the background color of an element to Hex 5F9E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9E91 }
```

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

```
.background{ background-color:#5F9E91 }
```

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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