

Converting Colors

Hex(4F95A6)

Have a look what the booklet for
Hex(4F95A6) contains.

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Color

Hex(4F95A6)

Conversions

Conversions Part 1

Format	Color
Hex	4F95A6
RGB	79, 149, 166
RGB Percent	31%, 58%, 65%
CMY	0.6902, 0.4157, 0.3490
CMYK	0.52, 0.10, 0.00, 0.35
HSL	192°, 36%, 48%
HSV	192°, 52%, 65%
XYZ	20.8548, 25.9103, 39.9784
YIQ	130.0080, -47.1770, -9.5530

Conversions

Conversions Part 2

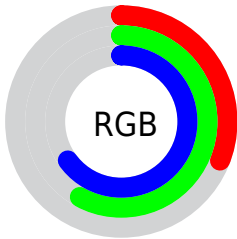
Format	Color
RYB	79, 118, 166
Decimal	5215654
CIELab	57.95, -17.18, -15.71
CIElCh	58, 23.284, 222.434
Yxy	25.9103, 0.2404, 0.2987
Android (android.graphics.Color)	4283405734 (0xFF4F95A6)
YUV	130.0080, 17.7441, -44.7340
Hunter-Lab	50.9022, -15.9467, -10.9346

Details

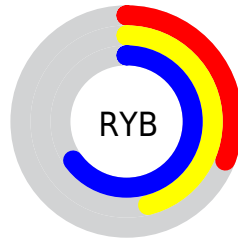
The Hex color **4F95A6** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A6604F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **86CBDD**, and **0E6272** is the 20% darker color. If you saturate the color by 10%, you get **3E92A6**, and if you desaturate by 10%, it is **6098A6**.

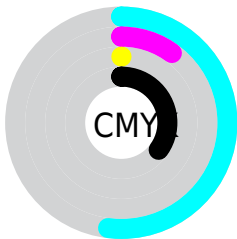
Distribution



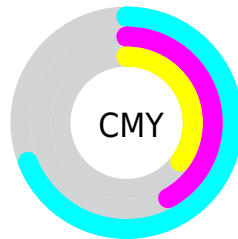
- Red (31%)
- Green (58%)
- Blue (65%)



- Red (31%)
- Yellow (46%)
- Blue (65%)



- Cyan (52%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (69%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F95A6 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 4F95A6 by changing the saturation by 10% instead.



4F95A6



4F95A6

FFFFFF



327B8C



86CBDD



0E6272



A2E7FA



004A5A



BFFFFF



003342



DBFFFF



001F2C



F9FFFF



000118



000000



4F95A6



4F95A6



3E92A6



6098A6

■ 2E8FA6

■ 709BA6

■ 1D8BA6

■ 819FA6

■ 0D88A6

■ 91A2A6

■ 0086A6

■ A2A5A6

■ B3A8A6

■ C3ACA6

■ D4AFA6

■ E4B2A6

Harmonies

Analogous

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



519793



4F95A6



6191B2

Triad

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



4F95A6



AC7E98



918D63

Complementary

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



4F95A6



A6604F

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.



A58665



4F95A6



B47C83

Square

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



4F95A6



9983A9



B18071



7B926D

Rectangle

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



4F95A6



748DB4



B18071



988A63

Sweetspot

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



4F95A6



B6D2D9



4FA65F



596A6E



EDEDED



6E6E6E

Same Dimension

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



4F95A6



50BED9



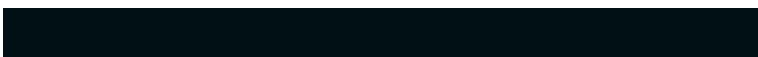
4F6BA6



4C5354



007794



001014

Inverse Universe

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



A64F95



D950BE



A68A4F



544C53



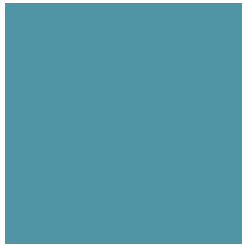
940077



140010

Previews

White Background



This preview shows how the Hex color 4F95A6 looks on a white background.

Color Contrast Check

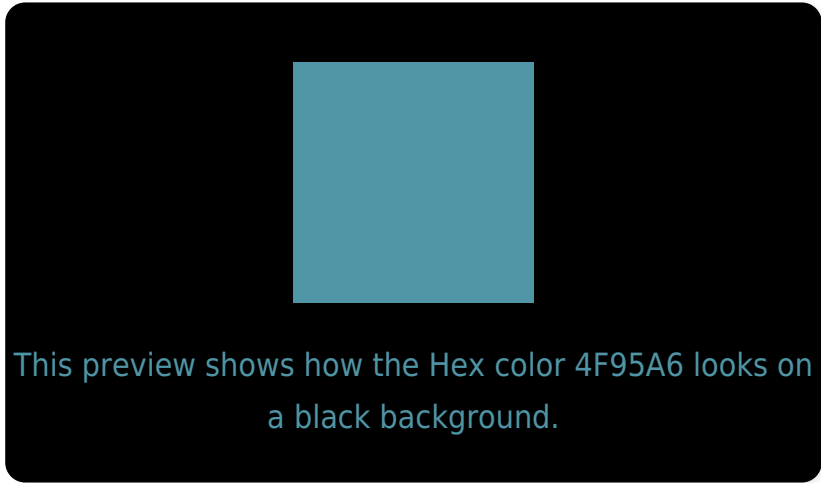
Large Text (above 18pt) WCAG AA ✓ Pass

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

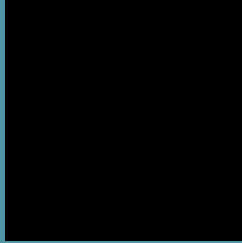
Any Text WCAG AA ✓ Pass

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 4F95A6 Background



This preview shows how black text looks on a background with the Hex color 4F95A6.

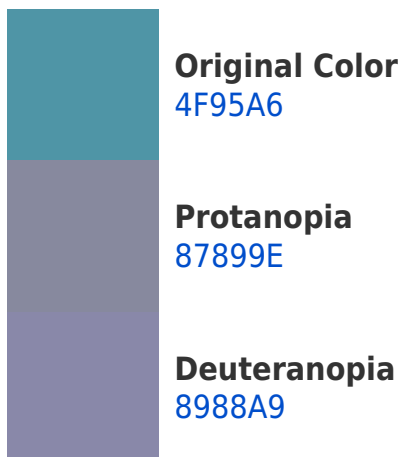


This preview shows how white text looks on a background with the Hex color 4F95A6.

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
4E96A2

Trichromacy



Original Color
4F95A6

Protanomaly
738DA1

Deuteranomaly
748DA8

Tritanomaly
4E96A3

Monochromacy



Original Color
4F95A6

Achromatopsia
828282

Achromatomaly
6F898F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F95A6 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 #4F95A6 looks like.

```
.text, #text, p{  
    color:#4F95A6  
}
```

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 #4F95A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F95A6
}
```

Border

The CSS property to change the border of an element to Hex 4F95A6 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
#4F95A6 }
```

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

```
.border{ border-color:#4F95A6 }
```

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

Here you see how a box with a 4 pixel #4F95A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F95A6; -webkit-box-shadow:4px 4px  
4px 4px #4F95A6; box-shadow:4px 4px 4px  
4px #4F95A6 }
```

Background

The CSS property to change the background color of an element to Hex 4F95A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F95A6 }
```

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

```
.background{ background-color:#4F95A6 }
```

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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