

Converting Colors

Hex(6D95AF)

Have a look what the booklet for
Hex(6D95AF) contains.

Hex(6D95AF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D95AF)

Conversions

Conversions Part 1

Format	Color
Hex	6D95AF
RGB	109, 149, 175
RGB Percent	43%, 58%, 69%
CMY	0.5725, 0.4157, 0.3137
CMYK	0.38, 0.15, 0.00, 0.31
HSL	204°, 29%, 56%
HSV	204°, 38%, 69%
XYZ	24.7920, 27.8412, 44.6247
YIQ	140.0040, -32.1860, -0.3940

Conversions

Conversions Part 2

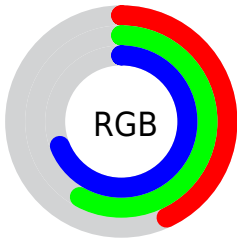
Format	Color
R_{YB}	109, 134, 175
Decimal	7181743
CIE _{Lab}	59.75, -7.02, -17.97
CIE _{LCh}	60, 19.288, 248.659
Yxy	27.8412, 0.2549, 0.2863
Android (android.graphics.Color)	4285371823 (0xFF6D95AF)
YUV	140.0040, 17.2530, -27.1905
Hunter-Lab	52.7648, -8.4687, -13.2078

Details

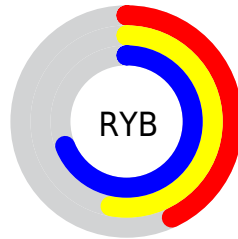
The Hex color **6D95AF** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AF876D**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A3CBE7**, and **39627A** is the 20% darker color. If you saturate the color by 10%, you get **5C8EAF**, and if you desaturate by 10%, it is **7F9CAF**.

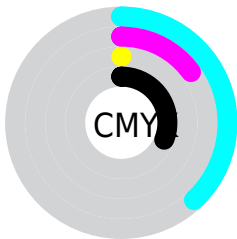
Distribution



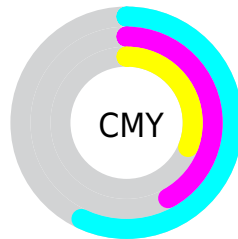
- Red (43%)
- Green (58%)
- Blue (69%)



- Red (43%)
- Yellow (53%)
- Blue (69%)



- Cyan (38%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)



- Cyan (57%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D95AF 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 6D95AF by changing the saturation by 10% instead.



6D95AF



6D95AF

FFFFFF



537B94



A3CBE7



39627A



BEE7FF



1F4B62



DBFFFF



00344A



F8FFFF



001F33



00021E



000001



000000



6D95AF



6D95AF

■ 5C8EAF

■ 7F9CAF

■ 4A87AF

■ 90A3AF

■ 3880AF

■ A2AAAF

■ 2779AF

■ B3B1AF

■ 1573AF

■ C4B7AF

■ 046CAF

■ D6BEAF

■ 006AAF

■ E8C5AF

■ F9CCAF

■ FFD3AF

Harmonies

Analogous

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



6198A4



6D95AF



8390B1

Triad

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



6D95AF



B2848B



859575

Complementary

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



6D95AF



AF876D

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.



98906E



6D95AF



B1867B

Square

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



6D95AF



AA859D



A88B71



729983

Rectangle

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



6D95AF



928CAE



A88B71



8B9472

Sweetspot

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



6D95AF



CAD9E3



6DAF86



646D73



F2F2F2



737373

Same Dimension

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



6D95AF



7DBBE3



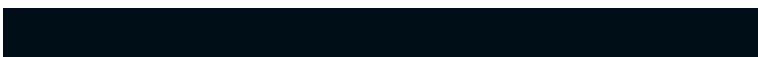
6D75AF



4E5357



005B96



000E17

Inverse Universe

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



AF6D95



E37DBB



AFA76D



574E53



96005B



17000E

Previews

White Background



This preview shows how the Hex color 6D95AF looks on a white background.

Color Contrast Check

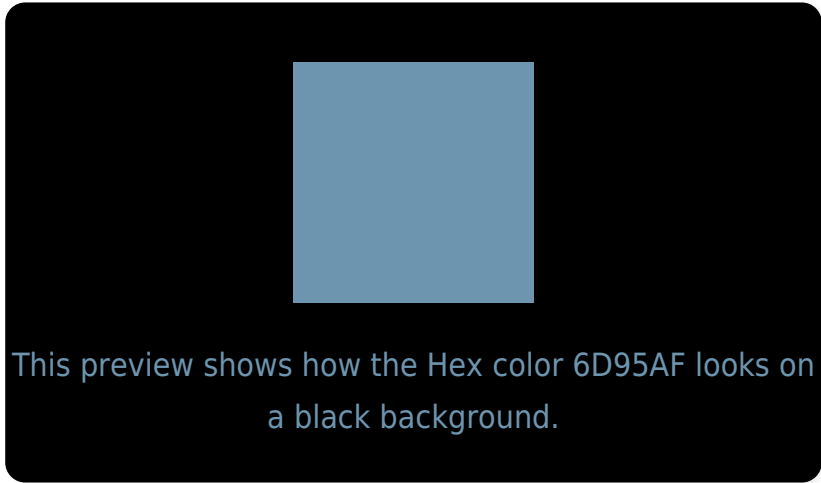
Large Text (above 18pt) WCAG AA ✓ Pass

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

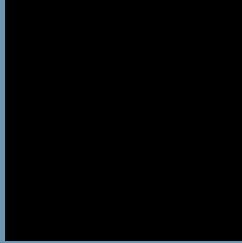
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

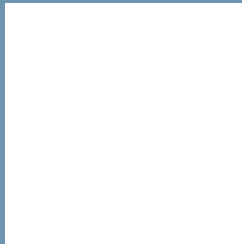
Any Text WCAG AAA × Fail

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

Hex 6D95AF Background



This preview shows how black text looks on a background with the Hex color 6D95AF.

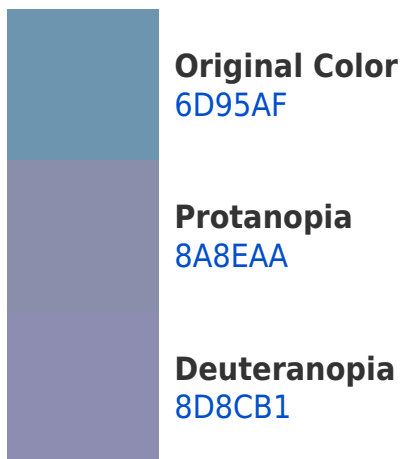


This preview shows how white text looks on a background with the Hex color 6D95AF.

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](#).

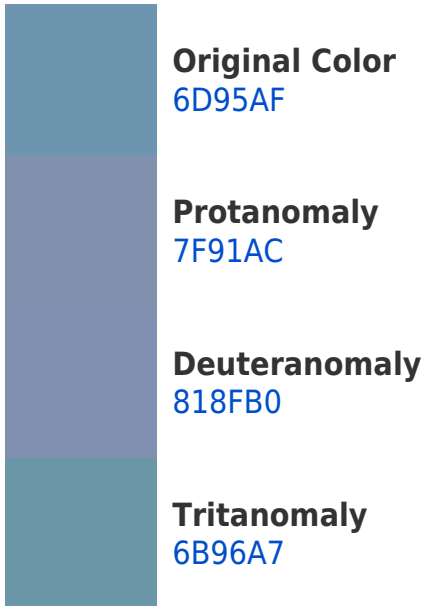
Dichromacy



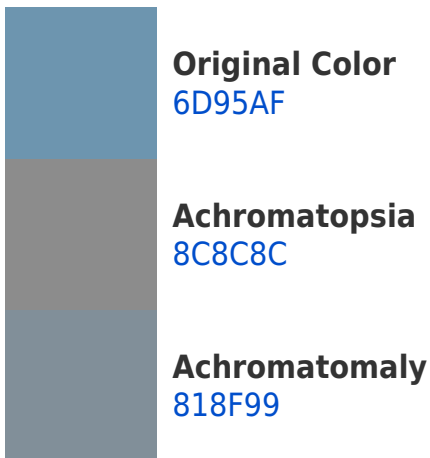


Tritanopia
6A97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D95AF 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 #6D95AF looks like.

```
.text, #text, p{  
    color:#6D95AF  
}
```

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 #6D95AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D95AF
}
```

Border

The CSS property to change the border of an element to Hex 6D95AF 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
#6D95AF }
```

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

```
.border{ border-color:#6D95AF }
```

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

Here you see how a box with a 4 pixel #6D95AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D95AF; -webkit-box-shadow:4px 4px  
4px 4px #6D95AF; box-shadow:4px 4px 4px  
4px #6D95AF }
```

Background

The CSS property to change the background color of an element to Hex 6D95AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D95AF }
```

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

```
.background{ background-color:#6D95AF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor