

# Converting Colors

Hex(96AFC5)

Have a look what the booklet for  
Hex(96AFC5) contains.

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# **Color**

**Hex(96AFC5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96AFC5
RGB	150, 175, 197
RGB Percent	59%, 69%, 77%
CMY	0.4118, 0.3137, 0.2275
CMYK	0.24, 0.11, 0.00, 0.23
HSL	208°, 29%, 68%
HSV	208°, 24%, 77%
XYZ	37.9857, 41.1752, 58.7689
YIQ	170.0330, -21.9620, 1.5420

# Conversions

## Conversions Part 2

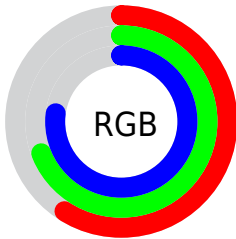
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 166, 197
Decimal	9875397
CIELab	70.30, -3.68, -14.05
CIELCh	70, 14.523, 255.321
Yxy	41.1752, 0.2754, 0.2985
Android (android.graphics.Color)	4288065477 (0xFF96AFC5)
YUV	170.0330, 13.2947, -17.5689
Hunter-Lab	64.1679, -6.6266, -9.3839

# Details

The Hex color **96AFC5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **C5AC96**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **CDE6FE**, and **627B8F** is the 20% darker color. If you saturate the color by 10%, you get **82A6C5**, and if you desaturate by 10%, it is **AAB8C5**.

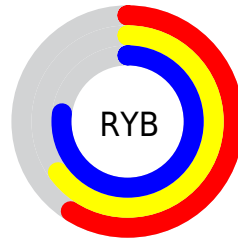
# Distribution



Red (59%)

Green (69%)

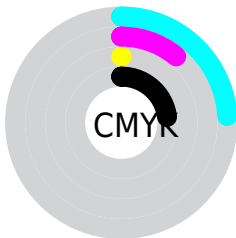
Blue (77%)



Red (59%)

Yellow (65%)

Blue (77%)

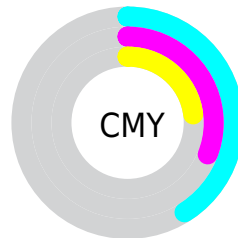


Cyan (24%)

Magenta (11%)

Yellow (0%)

Black (23%)



Cyan (41%)

Magenta (31%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96AFC5 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 96AFC5 by changing the saturation by 10% instead.



■ 96AFC5

■ 96AFC5

FFFFFF

■ 7C94AA

■ CDE6FE

■ 627B8F

■ E9FFFF

■ 496276

■ 324A5D

■ 1A3445

■ 011E2F

■ 00031B

■ 000000

■ 96AFC5

■ 96AFC5

82A6C5

AAB8C5

6F9DC5

BDC1C5

5B93C5

D1CBC5

478AC5

E5D4C5

3481C5

F9DDC5

2078C5

FFE6C5

0C6EC5

FFF0C5

0069C5

FFF9C5

FFFFC5

# Harmonies

## Analogous

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



8CB2BE



96AFC5



A6ABC5

# Triad

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



96AFC5



C8A3A5



A0B199

# Complementary

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



96AFC5



C5AC96

# 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.



AFAD92



96AFC5



C6A59A

# Square

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



96AFC5



C3A3B3



BDA993



92B3A5

# Rectangle

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



96AFC5



B1A8C1



BDA993



A5B096

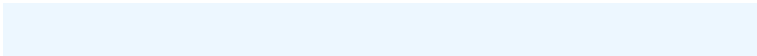


# Sweetspot

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



96AFC5



EDF7FF



96C5AC



757B80



000000



808080

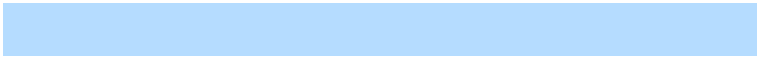


# Same Dimension

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



96AFC5



B5DCFF



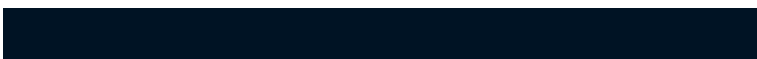
9698C5



5A5F63



0057A3



001324



# Inverse Universe

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



C596AF



FFB5DC



C5C396



635A5F



A30057

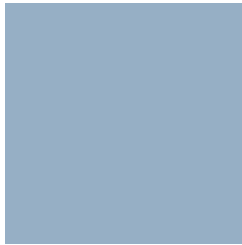


240013



# Previews

## White Background



This preview shows how the Hex color 96AFC5 looks on a white background.

## Color Contrast Check

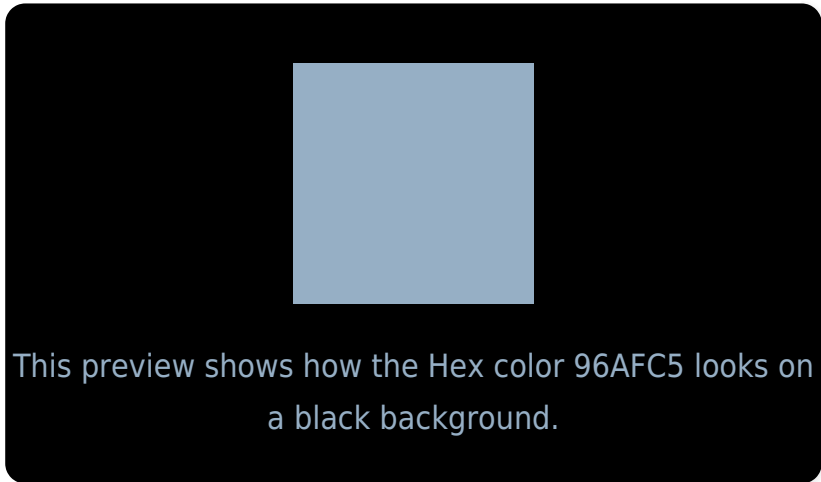
Large Text (above 18pt) WCAG AA × Fail

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

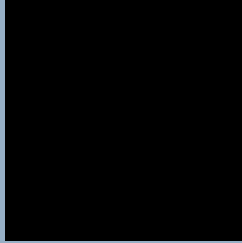
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

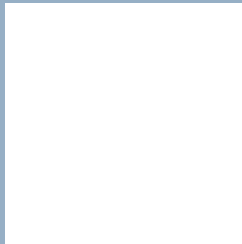
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 96AFC5 Background



This preview shows how black text looks on a background with the Hex color 96AFC5.

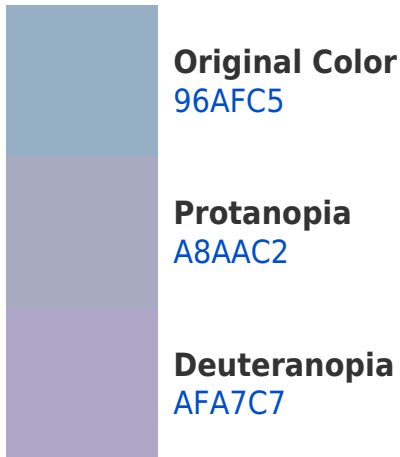


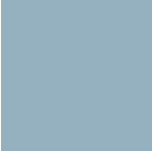
This preview shows how white text looks on a background with the Hex color 96AFC5.

# 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](#).

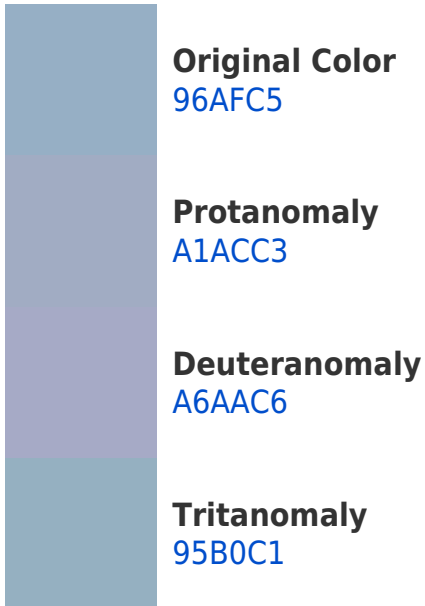
## Dichromacy



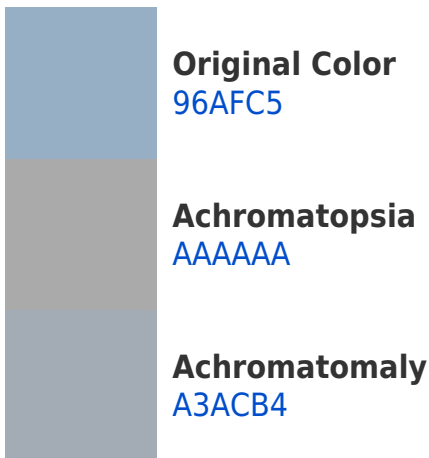


**Tritanopia**  
95B0BE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96AFC5 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 #96AFC5 looks like.

```
.text, #text, p{  
    color:#96AFC5  
}
```

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 #96AFC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96AFC5  
}
```

## Border

The CSS property to change the border of an element to Hex 96AFC5 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  
#96AFC5 }
```

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

```
.border{ border-color:#96AFC5 }
```

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

Here you see how a box with a 4 pixel #96AFC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96AFC5; -webkit-box-shadow:4px 4px  
4px 4px #96AFC5; box-shadow:4px 4px 4px  
4px #96AFC5 }
```

# Background

The CSS property to change the background color of an element to Hex 96AFC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96AFC5 }
```

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

```
.background{ background-color:#96AFC5 }
```

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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