

Converting Colors

Hex(96AFB5)

Have a look what the booklet for
Hex(96AFB5) contains.

Hex(96AFB5)	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(96AFB5)

Conversions

Conversions Part 1

Format	Color
Hex	96AFB5
RGB	150, 175, 181
RGB Percent	59%, 69%, 71%
CMY	0.4118, 0.3137, 0.2902
CMYK	0.17, 0.03, 0.00, 0.29
HSL	192°, 17%, 65%
HSV	192°, 17%, 71%
XYZ	36.2481, 40.4802, 49.6190
YIQ	168.2090, -16.8260, -3.4340

Conversions

Conversions Part 2

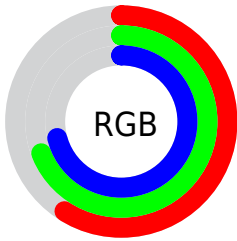
Format	Color
RYB	150, 164, 181
Decimal	9875381
CIELab	69.81, -7.28, -5.96
CIELCh	70, 9.407, 219.306
Yxy	40.4802, 0.2869, 0.3204
Android (android.graphics.Color)	4288065461 (0xFF96AFB5)
YUV	168.2090, 6.3060, -15.9693
Hunter-Lab	63.6240, -9.6463, -1.7022

Details

The Hex color **96AFB5** is a light color, and the websafe version is hex **999999**. A complement of this color would be **B59C96**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **CCE7ED**, and **637B80** is the 20% darker color. If you saturate the color by 10%, you get **84ABB5**, and if you desaturate by 10%, it is **A8B3B5**.

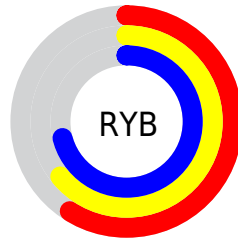
Distribution



Red (59%)

Green (69%)

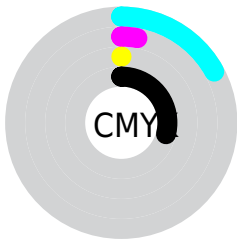
Blue (71%)



Red (59%)

Yellow (64%)

Blue (71%)

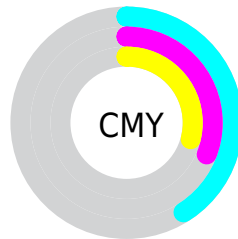


Cyan (17%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (41%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96AFB5 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 96AFB5 by changing the saturation by 10% instead.



96AFB5



96AFB5

FFFFFF



7C949A



CCE7ED



637B80



E9FFFF



4A6267



334A4F



1D3338



071E23



00010D



000000



96AFB5



96AFB5

84ABB5

A8B3B5

72A8B5

BAB6B5

60A4B5

CCBAB5

4EA1B5

DEBDB5

3C9DB5

F1C1B5

299AB5

FFC4B5

1796B5

FFC8B5

0593B5

FFCBB5

0092B5

FFCFB5

Harmonies

Analogous

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



96B0AD



96AFB5



9BADBA

Triad

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



96AFB5



B8A6B1



AFAB9A

Complementary

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



96AFB5



B59C96

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.



B7A89B



96AFB5



BDA5A8

Square

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



96AFB5



B0A8B8



BCA6A0



A5AD9D

Rectangle

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



96AFB5



A2ABBB



BCA6A0



B2AA9A

Sweetspot

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



96AFB5



DFE8EB



96B59C



6E7475



F5F5F5



757575

Same Dimension

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



96AFB5



B9E1EB



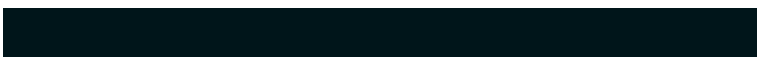
96A0B5



505859



007B99



00151A

Inverse Universe

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



B596AF



EBB9E1



B5AB96



595058



99007B



1A0015

Previews

White Background



This preview shows how the Hex color 96AFB5 looks on a white background.

Color Contrast Check

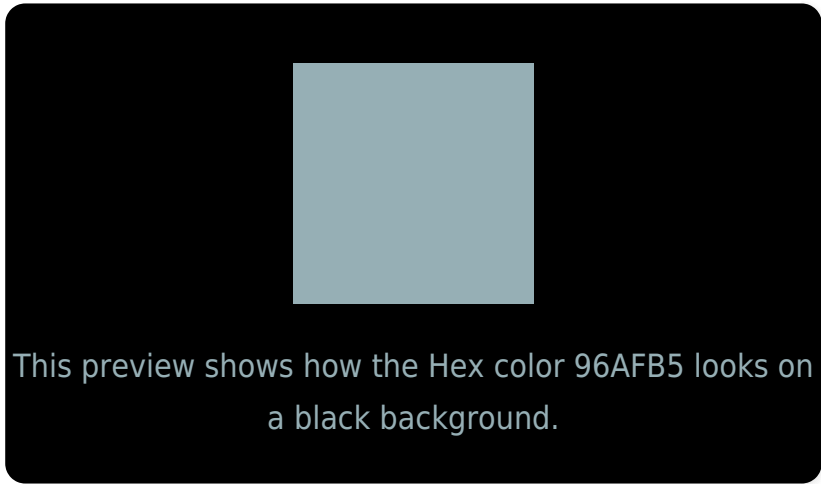
Large Text (above 18pt) WCAG AA × Fail

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

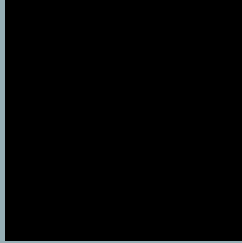
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

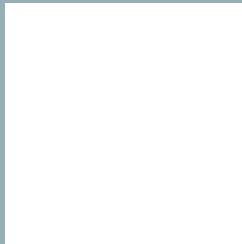
Any Text WCAG AAA ✓ Pass

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

Hex 96AFB5 Background



This preview shows how black text looks on a background with the Hex color 96AFB5.

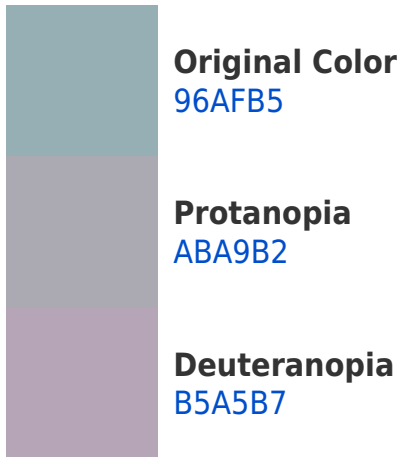


This preview shows how white text looks on a background with the Hex color 96AFB5.

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](#).

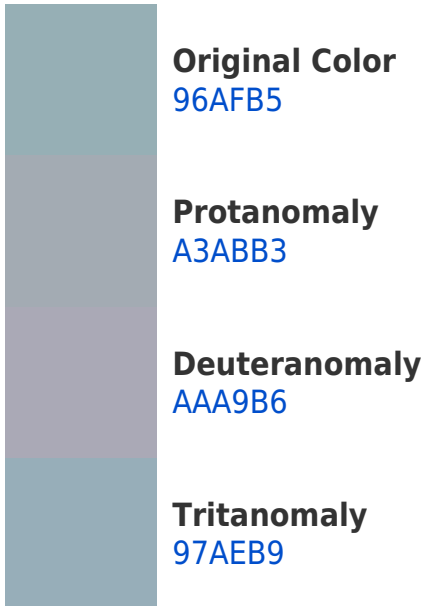
Dichromacy



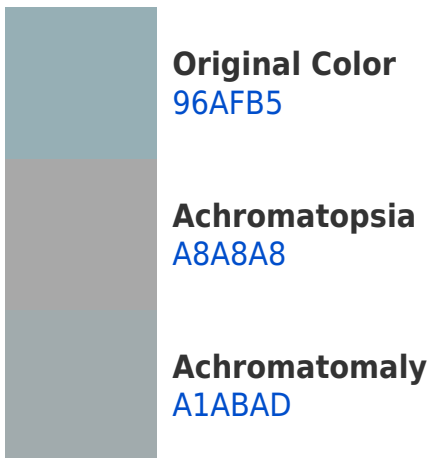


Tritanopia
97AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96AFB5 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 #96AFB5 looks like.

```
.text, #text, p{  
    color:#96AFB5  
}
```

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 #96AFB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96AFB5
}
```

Border

The CSS property to change the border of an element to Hex 96AFB5 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
#96AFB5 }
```

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

```
.border{ border-color:#96AFB5 }
```

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

Here you see how a box with a 4 pixel #96AFB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96AFB5; -webkit-box-shadow:4px 4px  
4px 4px #96AFB5; box-shadow:4px 4px 4px  
4px #96AFB5 }
```

Background

The CSS property to change the background color of an element to Hex 96AFB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96AFB5 }
```

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

```
.background{ background-color:#96AFB5 }
```

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