

Converting Colors

Hex(96BED5)

Have a look what the booklet for
Hex(96BED5) contains.

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Color

Hex(96BED5)

Conversions

Conversions Part 1

Format	Color
Hex	96BED5
RGB	150, 190, 213
RGB Percent	59%, 75%, 84%
CMY	0.4118, 0.2549, 0.1647
CMYK	0.30, 0.11, 0.00, 0.16
HSL	202°, 43%, 71%
HSV	202°, 30%, 84%
XYZ	43.0014, 48.1150, 69.9715
YIQ	180.6620, -31.2230, -1.3270

Conversions

Conversions Part 2

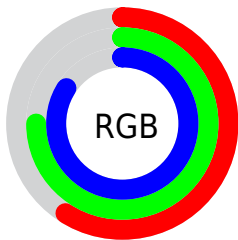
Format	Color
RYB	150, 174, 213
Decimal	9879253
CIELab	74.90, -7.96, -15.87
CIELCh	75, 17.754, 243.369
Yxy	48.1150, 0.2669, 0.2987
Android (android.graphics.Color)	4288069333 (0xFF96BED5)
YUV	180.6620, 15.9426, -26.8906
Hunter-Lab	69.3650, -10.7314, -11.2529

Details

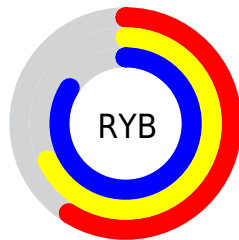
The Hex color **96BED5** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D5AD96**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **CDF6FF**, and **61899E** is the 20% darker color. If you saturate the color by 10%, you get **81B6D5**, and if you desaturate by 10%, it is **ABC6D5**.

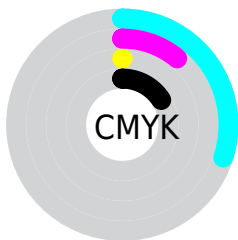
Distribution



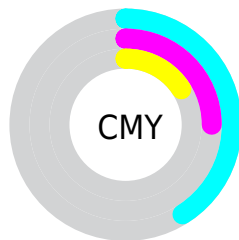
- Red (59%)
- Green (75%)
- Blue (84%)



- Red (59%)
- Yellow (68%)
- Blue (84%)



- Cyan (30%)
- Magenta (11%)
- Yellow (0%)
- Black (16%)



- Cyan (41%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 96BED5 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 96BED5 by changing the saturation by 10% instead.

■ 96BED5

■ 96BED5

FFFFFF

■ 7BA3B9

■ CDF6FF

■ 61899E

■ EAFFFF

■ 486F84

■ 2E576B

■ 134053

■ 002A3C

■ 001626

■ 000110

■ 000000

■ 96BED5

■ 96BED5

■ 81B6D5

■ ABC6D5

■ 6BAED5

■ C1CED5

■ 56A7D5

■ D6D5D5

■ 419FD5

■ EBDDD5

■ 2C97D5

■ FFE5D5

■ 168FD5

■ FFEDD5

■ 0188D5

■ FFF4D5

■ 0087D5

■ FFFCD5

■ FFFF5D5

Harmonies

Analogous

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



8DC1CA



96BED5



A8B9D9

Triad

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



96BED5



D9ADB7



B1BD9D

Complementary

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



96BED5



D5AD96

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.



C3B898



96BED5



DAAEA7

Square

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



96BED5



CFAFC7



D2B29C



9FC0A9

Rectangle

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



96BED5



B7B5D6



D2B29C



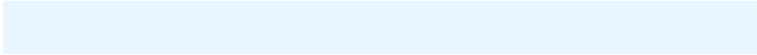
B7BB9A

Sweetspot

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



96BED5



E8F7FF



96D5AC



717A80



000000



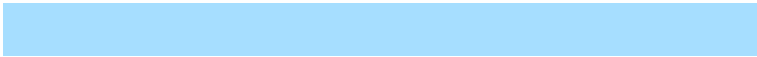
808080

Same Dimension

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



96BED5



A6DEFF



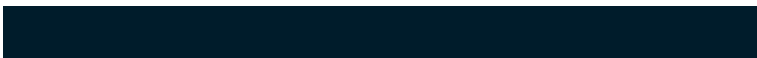
969FD5



60676B



006CAB



001C2B

Inverse Universe

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



D596BE



FFA6DE



D5CC96



6B6067



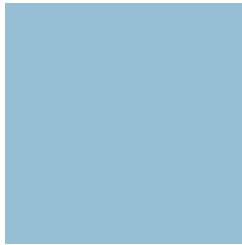
AB006C



2B001C

Previews

White Background



This preview shows how the Hex color 96BED5 looks on a white background.

Color Contrast Check

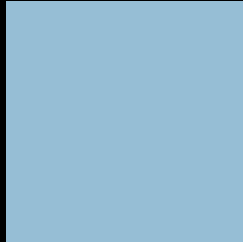
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 96BED5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

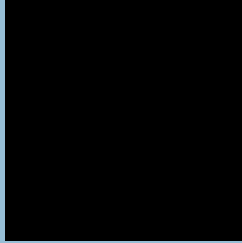
Any Text WCAG AA ✓ Pass

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 96BED5 Background



This preview shows how black text looks on a background with the Hex color 96BED5.

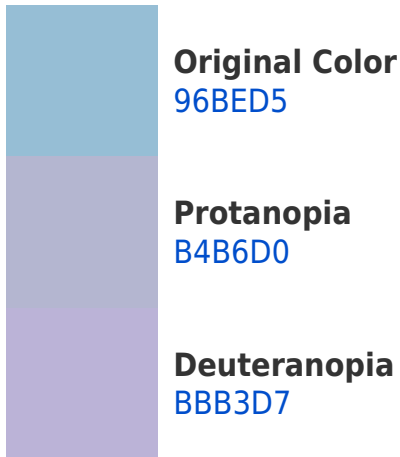


This preview shows how white text looks on a background with the Hex color 96BED5.

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](#).

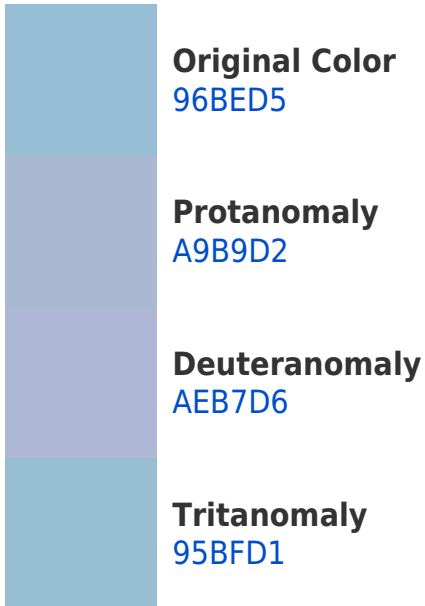
Dichromacy



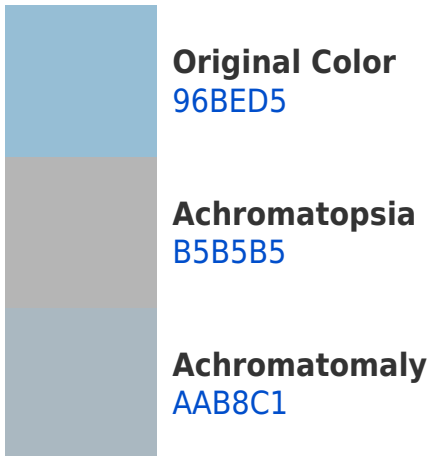


Tritanopia
95BFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 96BED5 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 #96BED5 looks like.

```
.text, #text, p{  
    color:#96BED5  
}
```

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 #96BED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96BED5
}
```

Border

The CSS property to change the border of an element to Hex 96BED5 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
#96BED5 }
```

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

```
.border{ border-color:#96BED5 }
```

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

Here you see how a box with a 4 pixel #96BED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96BED5; -webkit-box-shadow:4px 4px  
4px 4px #96BED5; box-shadow:4px 4px 4px  
4px #96BED5 }
```

Background

The CSS property to change the background color of an element to Hex 96BED5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96BED5 }
```

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

```
.background{ background-color:#96BED5 }
```

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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