

# Converting Colors

Hex(90ABD6)

Have a look what the booklet for  
Hex(90ABD6) contains.

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# **Color**

**Hex(90ABD6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90ABD6
RGB	144, 171, 214
RGB Percent	56%, 67%, 84%
CMY	0.4353, 0.3294, 0.1608
CMYK	0.33, 0.20, 0.00, 0.16
HSL	217°, 46%, 70%
HSV	217°, 33%, 84%
XYZ	38.2021, 39.9102, 69.3083
YIQ	167.8290, -29.8950, 7.6490

# Conversions

## Conversions Part 2

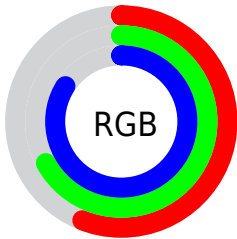
Format	Color
<a href="#">RYB</a>	<a href="#">144, 163, 214</a>
Decimal	<a href="#">9481174</a>
CIELab	<a href="#">69.41, 0.87, -24.79</a>
CIELCh	<a href="#">69, 24.808, 272.003</a>
Yxy	<a href="#">39.9102, 0.2591, 0.2707</a>
Android (android.graphics.Color)	<a href="#">4287671254 (0xFF90ABD6)</a>
YUV	<a href="#">167.8290, 22.7623, -20.8980</a>
Hunter-Lab	<a href="#">63.1745, -2.6150, -20.8245</a>

# Details

The Hex color **90ABD6** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D6BB90**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C7E2FF**, and **5B779F** is the 20% darker color. If you saturate the color by 10%, you get **7B9ED6**, and if you desaturate by 10%, it is **A5B8D6**.

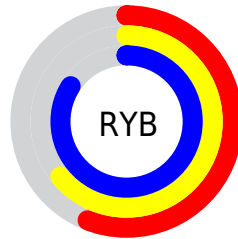
# Distribution



Red (56%)

Green (67%)

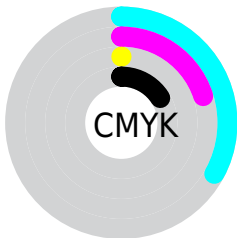
Blue (84%)



Red (56%)

Yellow (64%)

Blue (84%)

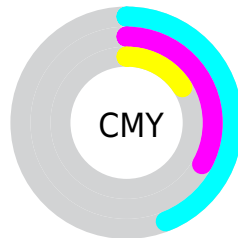


Cyan (33%)

Magenta (20%)

Yellow (0%)

Black (16%)



Cyan (44%)

Magenta (33%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90ABD6 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 90ABD6 by changing the saturation by 10% instead.



■ 90ABD6

■ 90ABD6

FFFFFF

■ 7591BA

■ C7E2FF

■ 5B779F

■ E4FFFF

■ 415E85

■ 27476C

■ 083153

■ 001C3C

■ 000326

■ 00010F

■ 000000

 90ABD6

 90ABD6

 7B9ED6

 A5B8D6

 6591D6

 BBC5D6

 5084D6

 D0D2D6

 3A76D6

 E6E0D6

 2569D6

 FBEDD6

 105CD6

 FFFAD6

 0053D6

 FFFFD6

# Harmonies

## Analogous

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



74B1D0



90ABD6



AFA3D0

# Triad

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



90ABD6



D69B93



86B494

# Complementary

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



90ABD6



D6BB90

# 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.



A0AF83



90ABD6



CCA183

# Square

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



90ABD6



D599A9



B9A87D



70B6AA

# Rectangle

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



90ABD6



C19EC5



B9A87D



8FB38D



# Sweetspot

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



90ABD6



E6EFFF



90D6BA



707680



000000



808080



# Same Dimension

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



90ABD6



9CC2FF



9790D6



60656B



0042AB



00112B



# Inverse Universe

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



D690AB



FF9CC2



CFD690



6B6065



AB0042

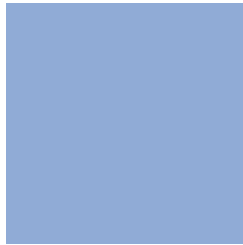


2B0011



# Previews

## White Background



This preview shows how the Hex color 90ABD6 looks on a white background.

## Color Contrast Check

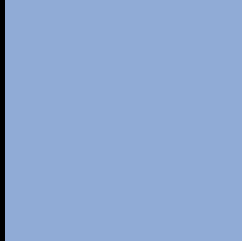
Large Text (above 18pt) WCAG AA × Fail

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 90ABD6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

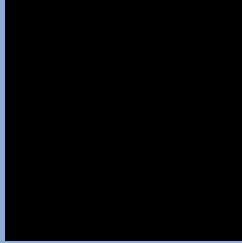
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90ABD6 Background



This preview shows how black text looks on a background with the Hex color 90ABD6.

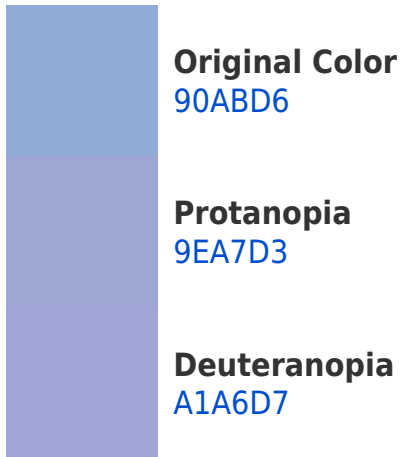


This preview shows how white text looks on a background with the Hex color 90ABD6.

# 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](#).

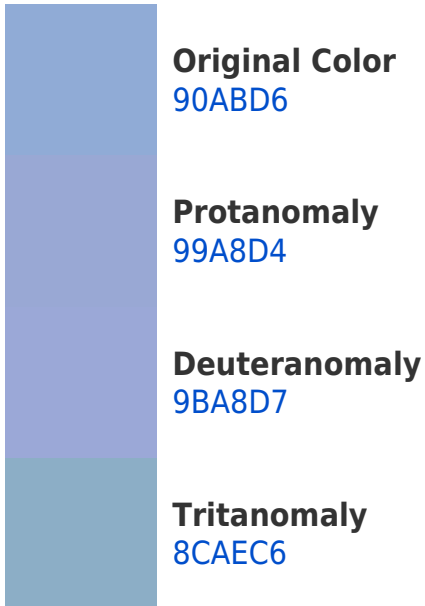
## Dichromacy



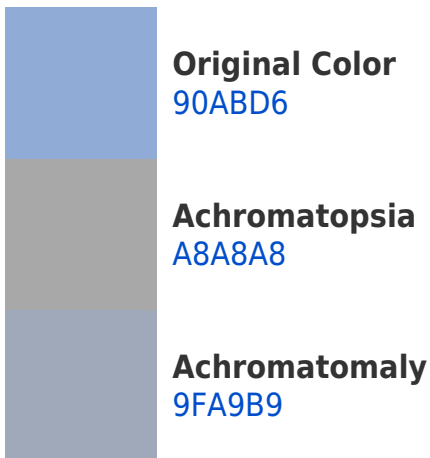


**Tritanopia**  
8AAFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90ABD6 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 #90ABD6 looks like.

```
.text, #text, p{  
    color:#90ABD6  
}
```

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 #90ABD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90ABD6
}
```

## Border

The CSS property to change the border of an element to Hex 90ABD6 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
#90ABD6 }
```

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

```
.border{ border-color:#90ABD6 }
```

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

Here you see how a box with a 4 pixel #90ABD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90ABD6; -webkit-box-shadow:4px 4px  
4px 4px #90ABD6; box-shadow:4px 4px 4px  
4px #90ABD6 }
```

# Background

The CSS property to change the background color of an element to Hex 90ABD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90ABD6 }
```

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

```
.background{ background-color:#90ABD6 }
```

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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