

# Converting Colors

Hex(90A8D5)

Have a look what the booklet for  
Hex(90A8D5) contains.

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# **Color**

**Hex(90A8D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90A8D5
RGB	144, 168, 213
RGB Percent	56%, 66%, 84%
CMY	0.4353, 0.3412, 0.1647
CMYK	0.32, 0.21, 0.00, 0.16
HSL	219°, 45%, 70%
HSV	219°, 32%, 84%
XYZ	37.5145, 38.7387, 68.4509
YIQ	165.9540, -28.7490, 8.9070

# Conversions

## Conversions Part 2

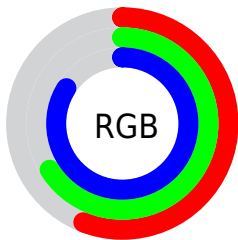
Format	Color
<a href="#">RYB</a>	<a href="#">144, 162, 213</a>
Decimal	<a href="#">9480405</a>
CIELab	<a href="#">68.56, 2.28, -25.54</a>
CIElCh	<a href="#">69, 25.637, 275.097</a>
Yxy	<a href="#">38.7387, 0.2592, 0.2677</a>
Android (android.graphics.Color)	<a href="#">4287670485</a> ( <a href="#">0xFF90A8D5</a> )
YUV	<a href="#">165.9540, 23.1937, -19.2537</a>
Hunter-Lab	<a href="#">62.2404, -1.3324, -21.6378</a>

# Details

The Hex color **90A8D5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **D5BD90**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **C7DFFF**, and **5B749E** is the 20% darker color. If you saturate the color by 10%, you get **7B9AD5**, and if you desaturate by 10%, it is **A5B6D5**.

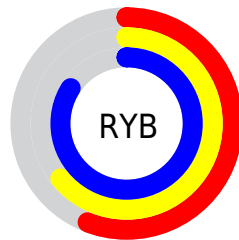
# Distribution



Red (56%)

Green (66%)

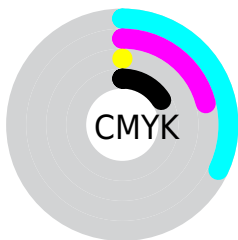
Blue (84%)



Red (56%)

Yellow (64%)

Blue (84%)

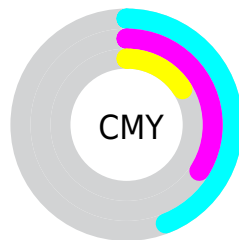


Cyan (32%)

Magenta (21%)

Yellow (0%)

Black (16%)



Cyan (44%)

Magenta (34%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90A8D5 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 90A8D5 by changing the saturation by 10% instead.



■ 90A8D5

■ 90A8D5

FFFFFF

■ 758EB9

■ C7DFFF

■ 5B749E

■ E4FCFF

■ 425C84

■ 28446B

■ 092E52

■ 001A3B

■ 000225

■ 00010E

■ 000000

 90A8D5

 90A8D5

 7B9AD5

 A5B6D5

 658CD5

 BBC4D5

 507ED5

 D0D2D5

 3B70D5

 E5E0D5

 2663D5

 FBEDD5

 1055D5

 FFFBD5

 004AD5

 FFFF5

# Harmonies

## Analogous

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



72AFD1



90A8D5



B0A0CD

# Triad

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



90A8D5



D5998E



80B293

# Complementary

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



90A8D5



D5BD90

# 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.



9BAE81



90A8D5



C99F7E

# Square

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



90A8D5



D596A4



B4A779



6AB4AA

# Rectangle

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



90A8D5



C19BC2



B4A779



89B18C

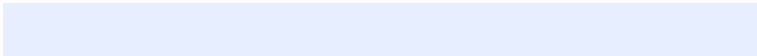


# Sweetspot

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



90A8D5



E6EEFF



90D5BD



707680



000000



808080



# Same Dimension

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



90A8D5



9CBEFF



9A90D5



60646B



003BAB



000F2B



# Inverse Universe

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



D590A8



FF9CBE



CBD590



6B6064



AB003B

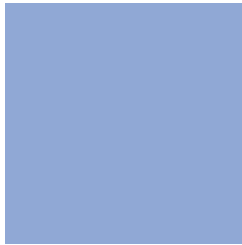


2B000F



# Previews

## White Background



This preview shows how the Hex color 90A8D5 looks on a white background.

## Color Contrast Check

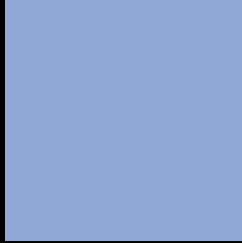
Large Text (above 18pt) WCAG AA × Fail

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 90A8D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

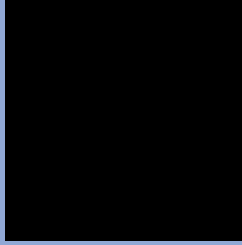
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

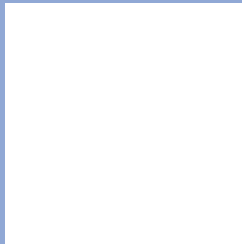
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 90A8D5 Background



This preview shows how black text looks on a background with the Hex color 90A8D5.



This preview shows how white text looks on a background with the Hex color 90A8D5.

# 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



**Original Color**  
90A8D5

**Protanopia**  
9BA5D3

**Deuteranopia**  
9EA4D6



**Tritanopia**  
8AADBB

# Trichromacy



**Original Color**  
90A8D5

**Protanomaly**  
97A6D4

**Deuteranomaly**  
99A5D6

**Tritanomaly**  
8CABC4

# Monochromacy



**Original Color**  
90A8D5

**Achromatopsia**  
A6A6A6

**Achromatomaly**  
9EA7B7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90A8D5 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 #90A8D5 looks like.

```
.text, #text, p{  
    color:#90A8D5  
}
```

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 #90A8D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90A8D5
}
```

## Border

The CSS property to change the border of an element to Hex 90A8D5 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
#90A8D5 }
```

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

```
.border{ border-color:#90A8D5 }
```

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

Here you see how a box with a 4 pixel #90A8D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90A8D5; -webkit-box-shadow:4px 4px  
4px 4px #90A8D5; box-shadow:4px 4px 4px  
4px #90A8D5 }
```

# Background

The CSS property to change the background color of an element to Hex 90A8D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90A8D5 }
```

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

```
.background{ background-color:#90A8D5 }
```

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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