

# Converting Colors

Hex(90ACD4)

Have a look what the booklet for  
Hex(90ACD4) contains.

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# **Color**

**Hex(90ACD4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90ACD4
RGB	144, 172, 212
RGB Percent	56%, 67%, 83%
CMY	0.4353, 0.3255, 0.1686
CMYK	0.32, 0.19, 0.00, 0.17
HSL	215°, 44%, 70%
HSV	215°, 32%, 83%
XYZ	38.1378, 40.1878, 68.0343
YIQ	168.1880, -29.5280, 6.5040

# Conversions

## Conversions Part 2

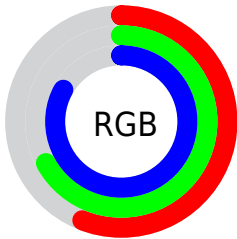
Format	Color
<a href="#">RYB</a>	<a href="#">144, 164, 212</a>
Decimal	<a href="#">9481428</a>
CIELab	<a href="#">69.60, -0.19, -23.39</a>
CIElCh	<a href="#">70, 23.392, 269.530</a>
Yxy	<a href="#">40.1878, 0.2606, 0.2746</a>
Android (android.graphics.Color)	<a href="#">4287671508 (0xFF90ACD4)</a>
YUV	<a href="#">168.1880, 21.5993, -21.2129</a>
Hunter-Lab	<a href="#">63.3939, -3.5535, -19.2543</a>

# Details

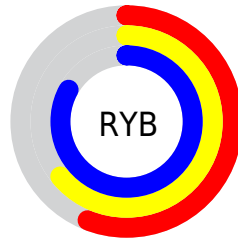
The Hex color **90ACD4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D4B890**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **C7E3FF**, and **5B789D** is the 20% darker color. If you saturate the color by 10%, you get **7BA0D4**, and if you desaturate by 10%, it is **A5B8D4**.

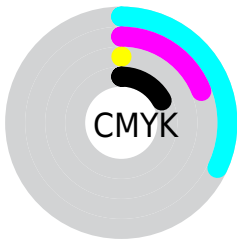
# Distribution



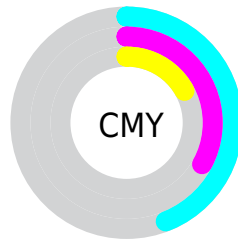
- Red (56%)
- Green (67%)
- Blue (83%)



- Red (56%)
- Yellow (64%)
- Blue (83%)



- Cyan (32%)
- Magenta (19%)
- Yellow (0%)
- Black (17%)



- Cyan (44%)
- Magenta (33%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90ACD4 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 90ACD4 by changing the saturation by 10% instead.



■ 90ACD4

■ 90ACD4

FFFFFF

■ 7592B8

■ C7E3FF

■ 5B789D

■ E4FFFF

■ 425F83

■ 28486A

■ 0A3151

■ 001D3A

■ 000225

■ 00010D

■ 000000

■ 90ACD4

■ 90ACD4

■ 7BA0D4

■ A5B8D4

■ 6693D4

■ BAC5D4

■ 5087D4

■ D0D1D4

■ 3B7AD4

■ E5DED4

■ 266ED4

■ FAEAD4

■ 1161D4

■ FFF7D4

■ 0057D4

■ FFFFD4

# Harmonies

## Analogous

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



77B2CE



90ACD4



ADA5CF

# Triad

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



90ACD4



D59C96



8BB494

# Complementary

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



90ACD4



D4B890

# 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.



A3AF85



90ACD4



CCA186

# Square

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



90ACD4



D39BAB



BAA880



76B6A9

# Rectangle

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



90ACD4



BEA0C6



BAA880



93B28E

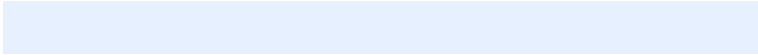


# Sweetspot

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



90ACD4



E6F0FF



90D4B8



707780



000000



808080



# Same Dimension

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



90ACD4



9EC6FF



9690D4



60656B



0046AB



00122B



# Inverse Universe

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



D490AC



FF9EC6



CED490



6B6065



AB0046

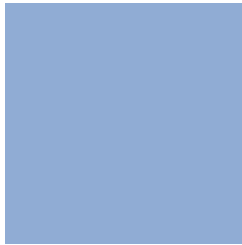


2B0012



# Previews

## White Background



This preview shows how the Hex color 90ACD4 looks on a white background.

## Color Contrast Check

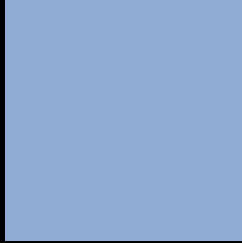
Large Text (above 18pt) WCAG AA × Fail

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 90ACD4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

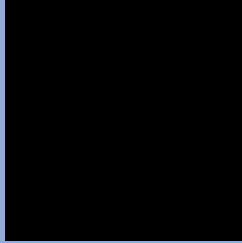
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90ACD4 Background



This preview shows how black text looks on a background with the Hex color 90ACD4.

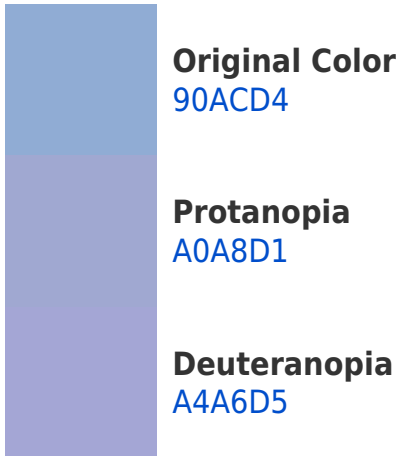


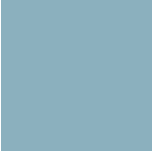
This preview shows how white text looks on a background with the Hex color 90ACD4.

# 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](#).

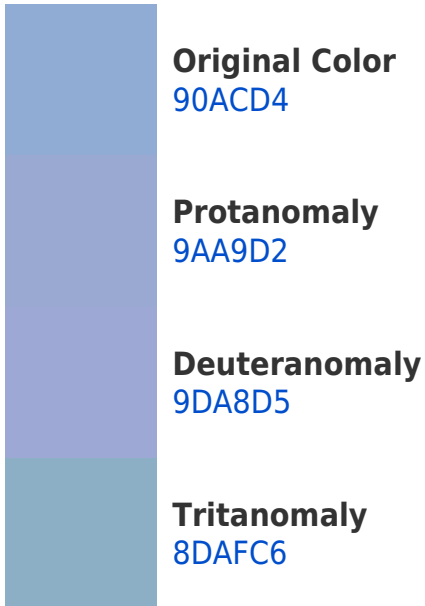
## Dichromacy



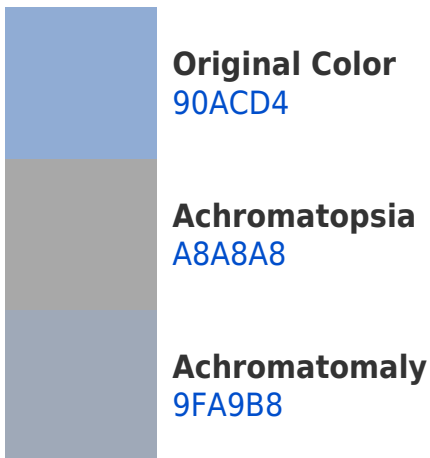


**Tritanopia**  
8BBOBE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90ACD4 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 #90ACD4 looks like.

```
.text, #text, p{  
    color:#90ACD4  
}
```

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 #90ACD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90ACD4
}
```

## Border

The CSS property to change the border of an element to Hex 90ACD4 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
#90ACD4 }
```

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

```
.border{ border-color:#90ACD4 }
```

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

Here you see how a box with a 4 pixel #90ACD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90ACD4; -webkit-box-shadow:4px 4px  
4px 4px #90ACD4; box-shadow:4px 4px 4px  
4px #90ACD4 }
```

# Background

The CSS property to change the background color of an element to Hex 90ACD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90ACD4 }
```

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

```
.background{ background-color:#90ACD4 }
```

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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