

# Converting Colors

Hex(90ABCC)

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

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# **Color**

**Hex(90ABCC)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 90ABCC                     |
| RGB           | 144, 171, 204              |
| RGB Percent   | 56%, 67%, 80%              |
| CMY           | 0.4353, 0.3294, 0.2000     |
| CMYK          | 0.29, 0.16, 0.00, 0.20     |
| HSL           | 213°, 37%, 68%             |
| HSV           | 213°, 29%, 80%             |
| XYZ           | 36.9636, 39.4147, 62.7864  |
| YIQ           | 166.6890, -26.6850, 4.5390 |

# Conversions

## Conversions Part 2

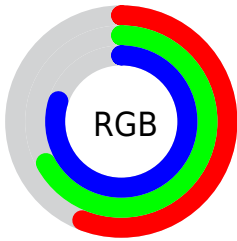
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 144, 163, 204                  |
| Decimal                             | 9481164                        |
| CIELab                              | 69.05, -1.63, -19.83           |
| CIELCh                              | 69, 19.897, 265.287            |
| Yxy                                 | 39.4147, 0.2656,<br>0.2832     |
| Android<br>(android.graphics.Color) | 4287671244<br>(0xFF90ABCC)     |
| YUV                                 | 166.6890, 18.3943,<br>-19.8983 |
| Hunter-Lab                          | 62.7812, -4.7718,<br>-15.3481  |

# Details

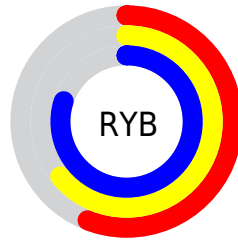
The Hex color **90ABCC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **CCB190**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **C7E2FF**, and **5C7796** is the 20% darker color. If you saturate the color by 10%, you get **7CA0CC**, and if you desaturate by 10%, it is **A4B6CC**.

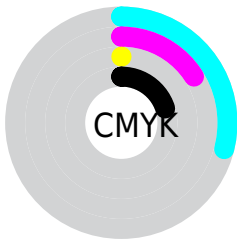
# Distribution



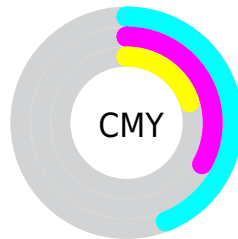
- Red (56%)
- Green (67%)
- Blue (80%)



- Red (56%)
- Yellow (64%)
- Blue (80%)



- Cyan (29%)
- Magenta (16%)
- Yellow (0%)
- Black (20%)



- Cyan (44%)
- Magenta (33%)
- Yellow (20%)

# Brightness & Saturation Gradients

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



■ 90ABCC

FFFFFF

■ C7E2FF

■ E3FFFF

■ 90ABCC

■ 7691B1

■ 5C7796

■ 435E7C

■ 2A4763

■ 0F304B

■ 001C34

■ 00021F

■ 000002

■ 000000

■ 90ABCC

■ 90ABCC

■ 7CA0CC

■ A4B6CC

■ 6795CC

■ B9C1CC

■ 5389CC

■ CDCDCC

■ 3E7ECC

■ E2D8CC

■ 2A73CC

■ F6E3CC

■ 1668CC

■ FFEECC

■ 015CCC

■ FFFACC

■ 005CCC

■ FFFFCC

# Harmonies

## Analogous

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



7DB0C6



90ABCC



A8A5C9

# Triad

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



90ABCC



CE9D9A



91B094

# Complementary

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



90ABCC



CCB190

# 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.



A6AC88



90ABCC



C7A18C

# Square

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



90ABCC



CB9CAC



B9A685



80B3A5

# Rectangle

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



90ABCC



B7A1C2



B9A685



98AF8F



# Sweetspot

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



90ABCC



E8F2FF



90CCB1



717880



000000



808080

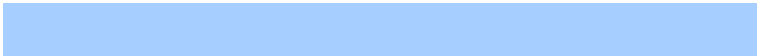


# Same Dimension

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



90ABCC



A6CEFF



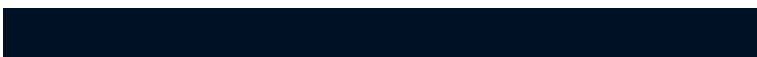
9390CC



5C6066



004BA6



001126



# Inverse Universe

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



CC90AB



FFA6CE



C9CC90



665C60



A6004B

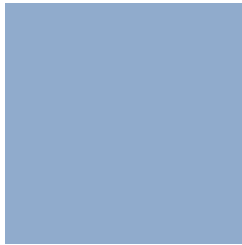


260011



# Previews

## White Background



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

## Color Contrast Check

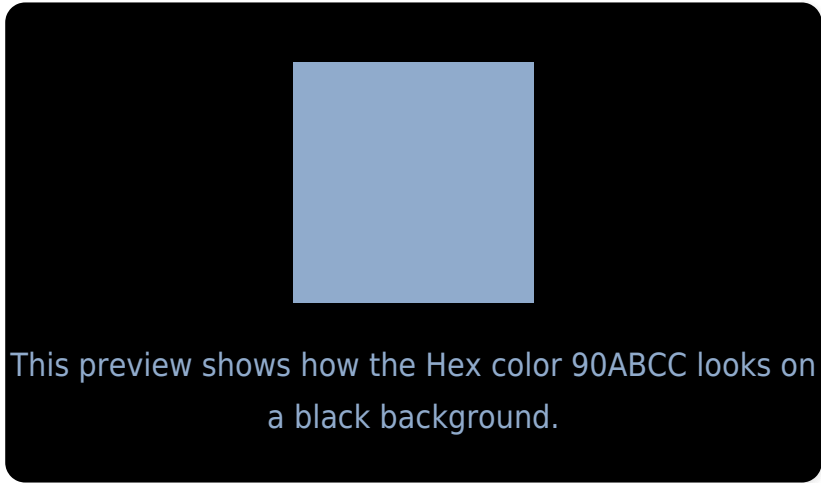
Large Text (above 18pt) WCAG AA × Fail

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

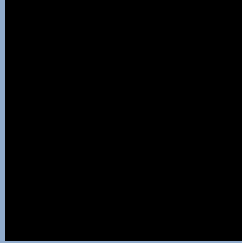
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

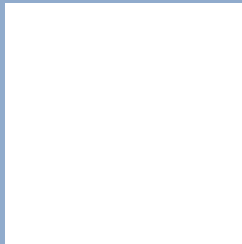
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 90ABCC Background



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

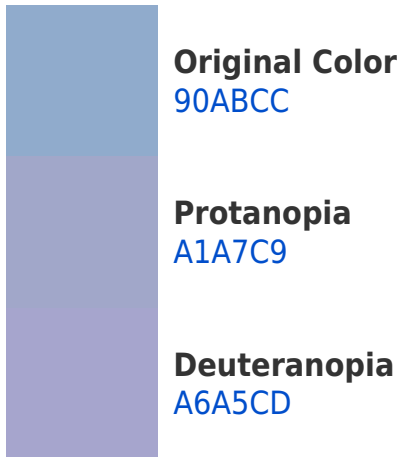


This preview shows how white text looks on a background with the Hex color 90ABCC.

# Color Blindness Simulation

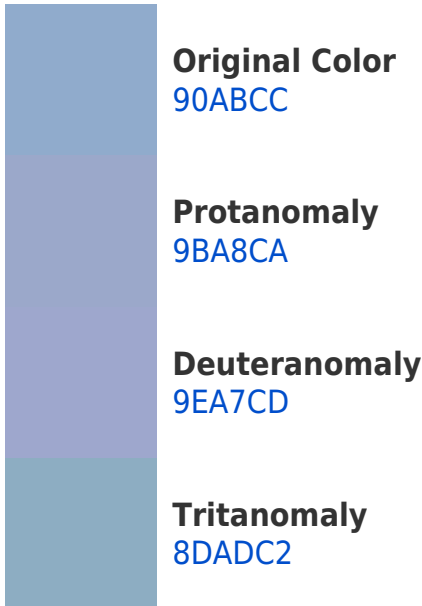
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

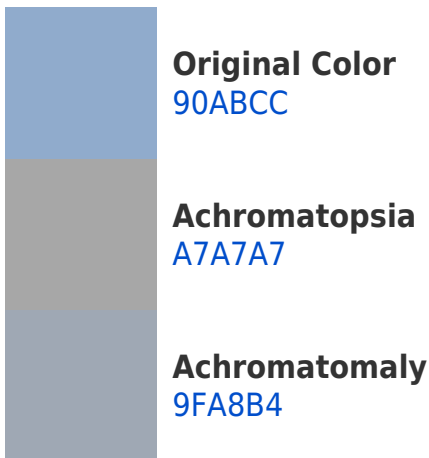




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #90ABCC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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