

# Converting Colors

Hex(A090D5)

Have a look what the booklet for  
Hex(A090D5) contains.

<b>Hex(A090D5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A090D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A090D5
RGB	160, 144, 213
RGB Percent	63%, 56%, 84%
CMY	0.3725, 0.4353, 0.1647
CMYK	0.25, 0.32, 0.00, 0.16
HSL	254°, 45%, 70%
HSV	254°, 32%, 84%
XYZ	36.4807, 32.2242, 67.2479
YIQ	156.6500, -12.6130, 24.8510

# Conversions

## Conversions Part 2

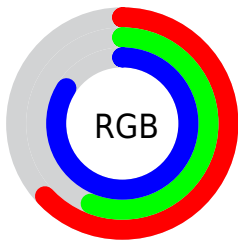
Format	Color
<a href="#">RYB</a>	<a href="#">160, 144, 213</a>
Decimal	<a href="#">10522837</a>
CIELab	<a href="#">63.53, 20.57, -33.20</a>
CIELCh	<a href="#">64, 39.062, 301.783</a>
Yxy	<a href="#">32.2242, 0.2683, 0.2370</a>
Android (android.graphics.Color)	<a href="#">4288712917 (0xFFA090D5)</a>
YUV	<a href="#">156.6500, 27.7805, 2.9379</a>
Hunter-Lab	<a href="#">56.7664, 15.3713, -30.5011</a>

# Details

The Hex color **A090D5** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C5D590**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **D8C6FF**, and **6B5E9E** is the 20% darker color. If you saturate the color by 10%, you get **907BD5**, and if you desaturate by 10%, it is **B0A5D5**.

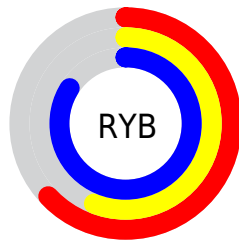
# Distribution



Red (63%)

Green (56%)

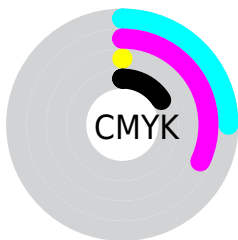
Blue (84%)



Red (63%)

Yellow (56%)

Blue (84%)

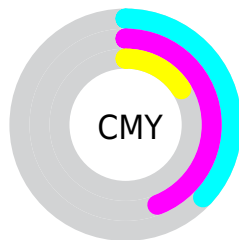


Cyan (25%)

Magenta (32%)

Yellow (0%)

Black (16%)



Cyan (37%)

Magenta (44%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A090D5 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 A090D5 by changing the saturation by 10% instead.



 A090D5

 A090D5

FFFFFF

 8576B9

 D8C6FF

 6B5E9E

 F5E2FF

 514684

 382F6A

 1F1A52

 07023A

 000224

 00000C

 000000

 A090D5

 A090D5

 907BD5

 B0A5D5

 7F65D5

 C1BBD5

 6F50D5

 D1D0D5

 5F3BD5

 E1E5D5

 4E26D5

 F2FBD5

 3E10D5

 FFFFD5

 3100D5

# Harmonies

## Analogous

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



679DDF



A090D5



C784BB

# Triad

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



A090D5



CA8C5D



21AC9B

# Complementary

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



A090D5



C5D590

# 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.



5FA978



A090D5



AE9853

# Square

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



A090D5



DB8277



8AA35D



00ABB0

# Rectangle

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



A090D5



D67FA5



8AA35D



3BAC8F



# Sweetspot

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



A090D5



EBE6FF



90C6D5



747080



000000



808080



# Same Dimension

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



A090D5



B39CFF



C190D5



63606B



2800AB



0A002B



# Inverse Universe

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



D590C5



FF9CE8



A4D590



6B6069



AB0083

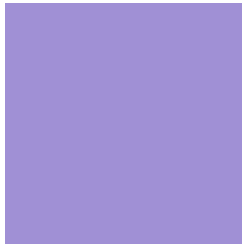


2B0021



# Previews

## White Background



This preview shows how the Hex color A090D5 looks on a white background.

## Color Contrast Check

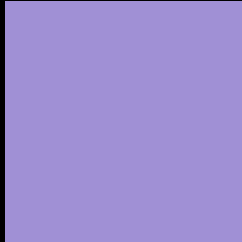
Large Text (above 18pt) WCAG AA × Fail

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 A090D5 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 A090D5 Background



This preview shows how black text looks on a background with the Hex color A090D5.



This preview shows how white text looks on a background with the Hex color A090D5.

# 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](#).

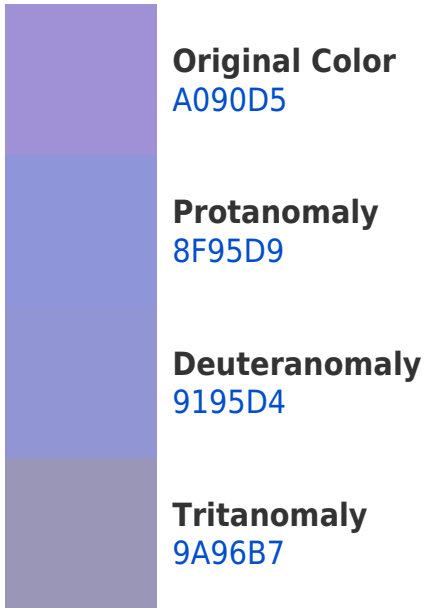
## Dichromacy



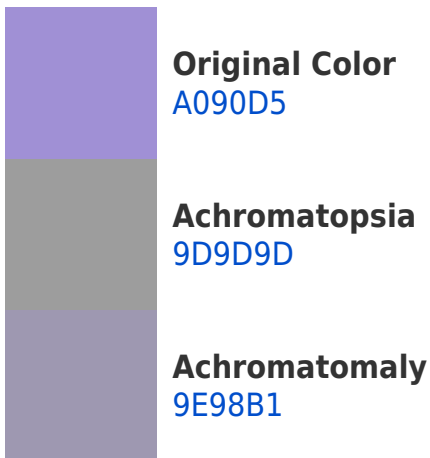


**Tritanopia**  
9799A6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A090D5 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 #A090D5 looks like.

```
.text, #text, p{  
    color:#A090D5  
}
```

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 #A090D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A090D5
}
```

## Border

The CSS property to change the border of an element to Hex A090D5 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
#A090D5 }
```

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

```
.border{ border-color:#A090D5 }
```

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

Here you see how a box with a 4 pixel #A090D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A090D5; -webkit-box-shadow:4px 4px  
4px 4px #A090D5; box-shadow:4px 4px 4px  
4px #A090D5 }
```

# Background

The CSS property to change the background color of an element to Hex A090D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A090D5 }
```

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

```
.background{ background-color:#A090D5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor