

# Converting Colors

Hex(A195D0)

Have a look what the booklet for  
Hex(A195D0) contains.

<b>Hex(A195D0)</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(A195D0)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A195D0
RGB	161, 149, 208
RGB Percent	63%, 58%, 82%
CMY	0.3686, 0.4157, 0.1843
CMYK	0.23, 0.28, 0.00, 0.18
HSL	252°, 39%, 70%
HSV	252°, 28%, 82%
XYZ	36.8306, 33.6260, 64.2238
YIQ	159.3140, -11.7870, 20.8930

# Conversions

## Conversions Part 2

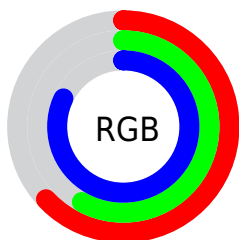
Format	Color
<a href="#">RYB</a>	<a href="#">161, 149, 208</a>
Decimal	<a href="#">10589648</a>
CIELab	<a href="#">64.66, 16.83, -28.65</a>
CIELCh	<a href="#">65, 33.231, 300.433</a>
Yxy	<a href="#">33.6260, 0.2735, 0.2497</a>
Android (android.graphics.Color)	<a href="#">4288779728</a> (0xFFA195D0)
YUV	<a href="#">159.3140, 24.0022, 1.4786</a>
Hunter-Lab	<a href="#">57.9880, 11.8938, -25.0743</a>

# Details

The Hex color **A195D0** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C4D095**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **D9CBFF**, and **6C6299** is the 20% darker color. If you saturate the color by 10%, you get **9080D0**, and if you desaturate by 10%, it is **B2AAD0**.

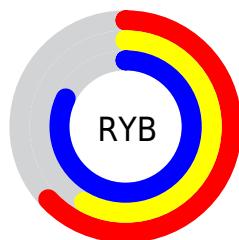
# Distribution



Red (63%)

Green (58%)

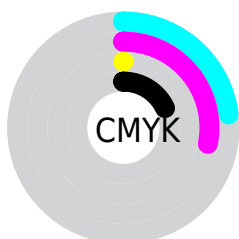
Blue (82%)



Red (63%)

Yellow (58%)

Blue (82%)

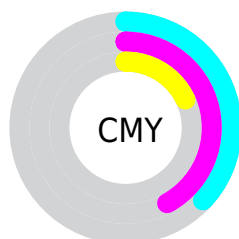


Cyan (23%)

Magenta (28%)

Yellow (0%)

Black (18%)



Cyan (37%)

Magenta (42%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A195D0 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 A195D0 by changing the saturation by 10% instead.

 A195D0

FFFFFF

 D9CBFF

 F5E7FF

 A195D0

 867BB4

 6C6299

 534A7F

 3B3466

 221E4E

 0B0837

 000221

 000005

 000000

 A195D0

 A195D0

 9080D0

 B2AAD0

 806BD0

 C2BFD0

 6F57D0

 D3D3D0

 5F42D0

 E3E8D0

 4E2DD0

 F4FDD0

 3E18D0

 FFFFD0

 2D03D0

 2A00D0

# Harmonies

## Analogous

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



74A0D8



A195D0



C38BBB

# Triad

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



A195D0



C9916A



49AD9C

# Complementary

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



A195D0



C4D095

# 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.



6EAA7F



A195D0



B09B61

# Square

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



A195D0



D68980



91A469



2DACBA

# Rectangle

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



A195D0



D187A8



91A469



55AC92

# Sweetspot

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



A195D0



EDE8FF



95C4D0



747180



000000



808080



# Same Dimension

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



A195D0



BAA8FF



BE95D0



605E69



2200A8



080029



# Inverse Universe

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



D095C4



FFA8ED



A7D095



695E66



A80086

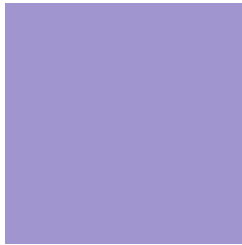


290021



# Previews

## White Background



This preview shows how the Hex color A195D0 looks on a white background.

## Color Contrast Check

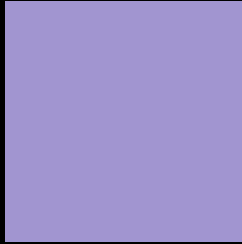
Large Text (above 18pt) WCAG AA × Fail

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 A195D0 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 A195D0 Background



This preview shows how black text looks on a background with the Hex color A195D0.



This preview shows how white text looks on a background with the Hex color A195D0.

# 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**

A195D0

**Protanopia**

8C9BD4





**Deuteranopia**

919ACF






**Tritanopia**  
9A9CA9

# Trichromacy

	<b>Original Color</b> A195D0
	<b>Protanomaly</b> 9499D3
	<b>Deuteranomaly</b> 9798CF
	<b>Tritanomaly</b> 9D99B7

# Monochromacy

	<b>Original Color</b> A195D0
	<b>Achromatopsia</b> 9F9F9F
	<b>Achromatomaly</b> A09BB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A195D0 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 #A195D0 looks like.

```
.text, #text, p{  
    color:#A195D0  
}
```

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 #A195D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A195D0
}
```

## Border

The CSS property to change the border of an element to Hex A195D0 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
#A195D0 }
```

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

```
.border{ border-color:#A195D0 }
```

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

Here you see how a box with a 4 pixel #A195D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A195D0; -webkit-box-shadow:4px 4px  
4px 4px #A195D0; box-shadow:4px 4px 4px  
4px #A195D0 }
```

# Background

The CSS property to change the background color of an element to Hex A195D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A195D0 }
```

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

```
.background{ background-color:#A195D0 }
```

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