

# Converting Colors

Hex(9D5ED4)

Have a look what the booklet for  
Hex(9D5ED4) contains.

<b>Hex(9D5ED4)</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(9D5ED4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D5ED4
RGB	157, 94, 212
RGB Percent	62%, 37%, 83%
CMY	0.3843, 0.6314, 0.1686
CMYK	0.26, 0.56, 0.00, 0.17
HSL	272°, 58%, 60%
HSV	272°, 56%, 83%
XYZ	29.7910, 19.9270, 64.5635
YIQ	126.2890, -0.3300, 50.0540

# Conversions

## Conversions Part 2

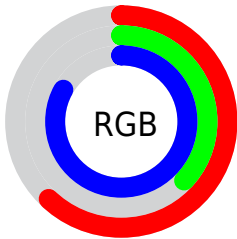
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	157, 94, 212
Decimal	10313428
CIE <sub>Lab</sub>	51.75, 47.59, -51.21
CIE <sub>LCh</sub>	52, 69.909, 312.907
Yxy	19.9270, 0.2607, 0.1744
Android (android.graphics.Color)	4288503508 (0xFF9D5ED4)
YUV	126.2890, 42.2555, 26.9335
Hunter-Lab	44.6396, 41.0055, -54.5049

# Details

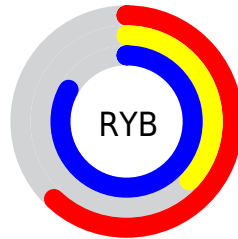
The Hex color **9D5ED4** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **95D45E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D693FF**, and **662B9D** is the 20% darker color. If you saturate the color by 10%, you get **9349D4**, and if you desaturate by 10%, it is **A773D4**.

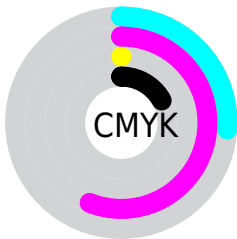
# Distribution



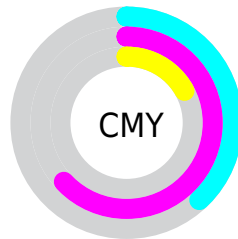
- Red (62%)
- Green (37%)
- Blue (83%)



- Red (62%)
- Yellow (37%)
- Blue (83%)



- Cyan (26%)
- Magenta (56%)
- Yellow (0%)
- Black (17%)



- Cyan (38%)
- Magenta (63%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9D5ED4 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 9D5ED4 by changing the saturation by 10% instead.



 9D5ED4

 9D5ED4

FFFFFF

 8145B8

 D693FF

 662B9D

 F4AEFF

 4B1082

 FFCAFF

 2F0068

 FFE6FF

 140050

 000038

 000221

 000006

 000000

9D5ED4

9D5ED4

9349D4

A773D4

8934D4

B188D4

7F1ED4

BB9ED4

7509D4

C5B3D4

7100D4

CEC8D4

D8DDD4

E2F2D4

ECFFD4

F6FFD4

# Harmonies

## Analogous

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



007AF1



9D5ED4



D43EA0

# Triad

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



9D5ED4



B16C00



009694

# Complementary

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



9D5ED4



95D45E

# 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.



009456



9D5ED4



7D8100

# Square

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



9D5ED4



D54F2B



348D12



0094CC

# Rectangle

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



9D5ED4



E23378



348D12



009680



# Sweetspot

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



9D5ED4



EBD4FF



5E95D4



746680



000000



808080



# Same Dimension

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



9D5ED4



AF54FF



D45ED0



66606B



5B00AB



17002B



# Inverse Universe

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



D45E95



FF54A4



5ED462



6B6065



AB0050

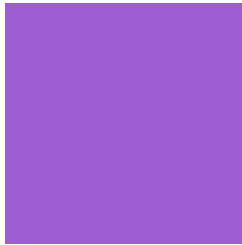


2B0014



# Previews

## White Background



This preview shows how the Hex color 9D5ED4 looks on a white background.

## Color Contrast Check

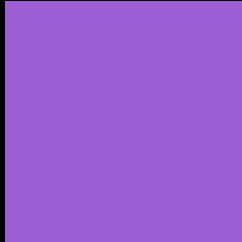
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D5ED4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

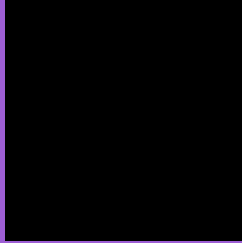
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 9D5ED4 Background



This preview shows how black text looks on a background with the Hex color 9D5ED4.

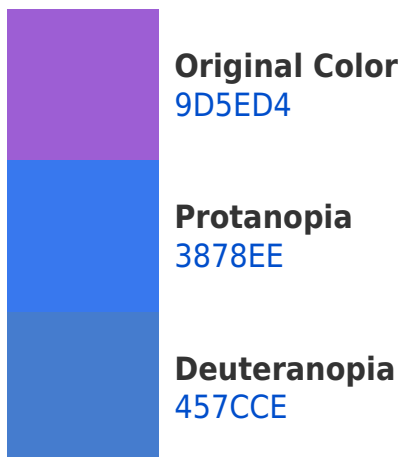


This preview shows how white text looks on a background with the Hex color 9D5ED4.

# 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**  
8E757E

# Trichromacy



**Original Color**  
9D5ED4



**Protanomaly**  
5D6FE5



**Deuteranomaly**  
6571D0



**Tritanomaly**  
936D9D

# Monochromacy



**Original Color**  
9D5ED4



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
89729D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9D5ED4 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 #9D5ED4 looks like.

```
.text, #text, p{  
    color:#9D5ED4  
}
```

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 #9D5ED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D5ED4
}
```

## Border

The CSS property to change the border of an element to Hex 9D5ED4 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
#9D5ED4 }
```

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

```
.border{ border-color:#9D5ED4 }
```

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

Here you see how a box with a 4 pixel #9D5ED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D5ED4; -webkit-box-shadow:4px 4px  
4px 4px #9D5ED4; box-shadow:4px 4px 4px  
4px #9D5ED4 }
```

# Background

The CSS property to change the background color of an element to Hex 9D5ED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D5ED4 }
```

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

```
.background{ background-color:#9D5ED4 }
```

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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