

# Converting Colors

Hex(D995E8)

Have a look what the booklet for  
Hex(D995E8) contains.

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# Color

**Hex(D995E8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D995E8
RGB	217, 149, 232
RGB Percent	85%, 58%, 91%
CMY	0.1490, 0.4157, 0.0902
CMYK	0.06, 0.36, 0.00, 0.09
HSL	289°, 64%, 75%
HSV	289°, 36%, 91%
XYZ	53.9282, 42.0728, 81.6225
YIQ	178.7940, 13.8850, 40.2290

# Conversions

## Conversions Part 2

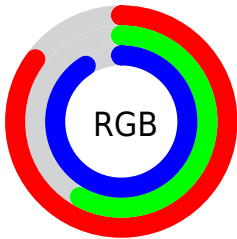
Format	Color
R <sub>Y</sub> B	217, 149, 232
Decimal	14259688
CIE Lab	70.92, 39.27, -31.82
CIE LCh	71, 50.544, 320.985
Yxy	42.0728, 0.3036, 0.2369
Android (android.graphics.Color)	4292449768 (0xFFD995E8)
YUV	178.7940, 26.2306, 33.5067
Hunter-Lab	64.8635, 34.8955, -29.2044

# Details

The Hex color **D995E8** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A4E895**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFCCFF**, and **A161B0** is the 20% darker color. If you saturate the color by 10%, you get **D57EE8**, and if you desaturate by 10%, it is **DDACE8**.

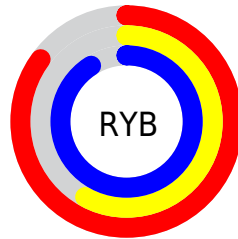
# Distribution



Red (85%)

Green (58%)

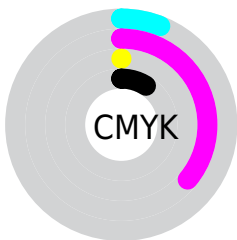
Blue (91%)



Red (85%)

Yellow (58%)

Blue (91%)

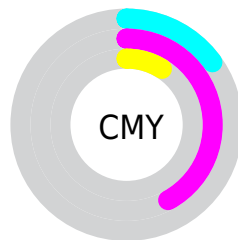


Cyan (6%)

Magenta (36%)

Yellow (0%)

Black (9%)



Cyan (15%)

Magenta (42%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D995E8 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 D995E8 by changing the saturation by 10% instead.



 D995E8

FFFFFF

 FFCCFF

 FFE9FF

 D995E8

 BD7BCC

 A161B0

 864895

 6B2F7B

 521662

 39004A

 240033

 00011D

 000000

 D995E8

 D995E8

 D57EE8

 DDACE8

 D167E8

 E1C3E8

 CC4FE8

 E6DBE8

 C838E8

 EAF2E8

 C421E8

 EEFEE8

 C00AE8

 F2FFE8

 BE00E8

 F6FFE8

 FBFFE8

 FFFFE8

# Harmonies

## Analogous

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



9BA7FF



D995E8



FC88BD

# Triad

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



D995E8



D5A651



00C5CD

# Complementary

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



D995E8



A4E895

# 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.



0AC49E



D995E8



A9B554

# Square

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



D995E8



F59568



73BF72



00C1F4

# Rectangle

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



D995E8



FF879E



73BF72



00C5BE



# Sweetspot

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



D995E8



FAE3FF



95A4E8



7D6F80



000000



808080



# Same Dimension

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



D995E8



EB91FF



E895CE



716773



9200B3



2A0033



# Inverse Universe

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



E895A4



FF91A5



95E8AF



736769



B30020

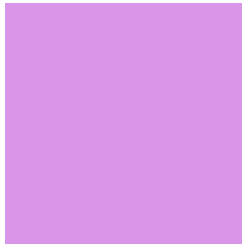


330009



# Previews

## White Background



This preview shows how the Hex color D995E8 looks on a white background.

## Color Contrast Check

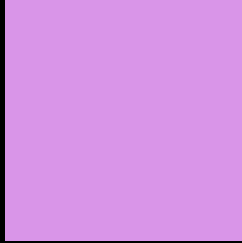
Large Text (above 18pt) WCAG AA × Fail

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 D995E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

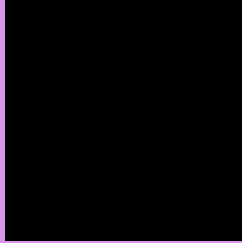
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D995E8 Background



This preview shows how black text looks on a background with the Hex color D995E8.

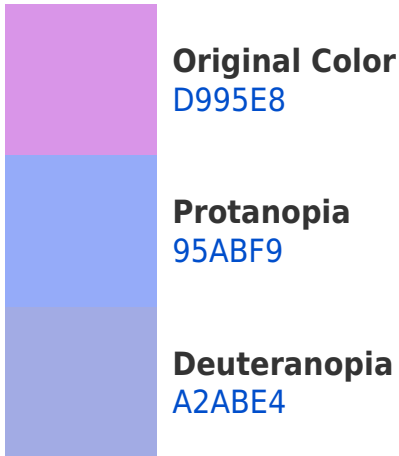


This preview shows how white text looks on a background with the Hex color D995E8.

# 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**  
D1A1AD

# Trichromacy



**Original Color**  
D995E8



**Protanomaly**  
AEA3F3



**Deuteranomaly**  
B6A3E5



**Tritanomaly**  
D49DC2

# Monochromacy



**Original Color**  
D995E8



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
C1A8C6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D995E8 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 #D995E8 looks like.

```
.text, #text, p{  
    color:#D995E8  
}
```

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 #D995E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D995E8
}
```

## Border

The CSS property to change the border of an element to Hex D995E8 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
#D995E8 }
```

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

```
.border{ border-color:#D995E8 }
```

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

Here you see how a box with a 4 pixel #D995E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D995E8; -webkit-box-shadow:4px 4px  
4px 4px #D995E8; box-shadow:4px 4px 4px  
4px #D995E8 }
```

# Background

The CSS property to change the background color of an element to Hex D995E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D995E8 }
```

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

```
.background{ background-color:#D995E8 }
```

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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