

# Converting Colors

Hex(DC95E1)

Have a look what the booklet for  
Hex(DC95E1) contains.

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# Color

**Hex(DC95E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DC95E1
RGB	220, 149, 225
RGB Percent	86%, 58%, 88%
CMY	0.1373, 0.4157, 0.1176
CMYK	0.02, 0.34, 0.00, 0.12
HSL	296°, 56%, 73%
HSV	296°, 34%, 88%
XYZ	53.8533, 42.1468, 76.5309
YIQ	178.8930, 17.9200, 38.6880

# Conversions

## Conversions Part 2

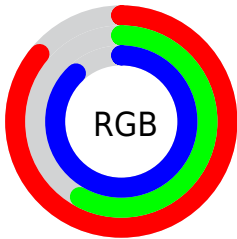
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">220, 149, 225</a>
Decimal	<a href="#">14456289</a>
CIELab	<a href="#">70.97, 38.86, -27.87</a>
CIELCh	<a href="#">71, 47.823, 324.351</a>
Yxy	<a href="#">42.1468, 0.3121, 0.2443</a>
Android (android.graphics.Color)	<a href="#">4292646369 (0xFFDC95E1)</a>
YUV	<a href="#">178.8930, 22.7308, 36.0508</a>
Hunter-Lab	<a href="#">64.9206, 34.4593, -24.4490</a>

# Details

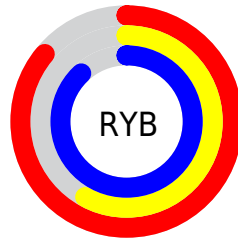
The Hex color **DC95E1** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **9AE195**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFCCFF**, and **A461A9** is the 20% darker color. If you saturate the color by 10%, you get **DB7FE1**, and if you desaturate by 10%, it is **DDACE1**.

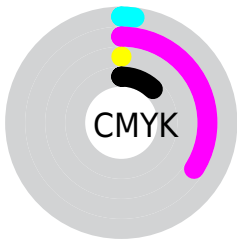
# Distribution



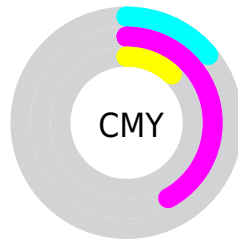
- Red (86%)
- Green (58%)
- Blue (88%)



- Red (86%)
- Yellow (58%)
- Blue (88%)



- Cyan (2%)
- Magenta (34%)
- Yellow (0%)
- Black (12%)



- Cyan (14%)
- Magenta (42%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC95E1 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 DC95E1 by changing the saturation by 10% instead.



 DC95E1

FFFFFF

 FFCCFF

 FFE9FF

 DC95E1

 C07AC5

 A461A9

 89488F

 6E2F75

 55155C

 3C0044

 27002E

 000118

 000000

 DC95E1

 DC95E1

 DB7FE1

 DDACE1

 D968E1

 DFC2E1

 D852E1

 E0D9E1

 D63BE1

 E2EFE1

 D525E1

 E3FFE1

 D30EE1

 E5FFE1

 D200E1

 E6FFE1

 E8FFE1

 E9FFE1

# Harmonies

## Analogous

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



A5A6FD



DC95E1



FA8AB8

# Triad

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



DC95E1



CFA855



00C4D0

# Complementary

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



DC95E1



9AE195

# 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.



16C4A4



DC95E1



A5B65C

# Square

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



DC95E1



F09968



70BF79



00BFF3

# Rectangle

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



DC95E1



FF8A9A



70BF79



00C4C2



# Sweetspot

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



DC95E1



FDE6FF



959AE1



7E7080



000000



808080



# Same Dimension

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



DC95E1



F896FF



E195C0



6F6570



A400B0



2D0030



# Inverse Universe

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



E1959A



FF969D



95E1B6



706566



B0000C



300003



# Previews

## White Background



This preview shows how the Hex color DC95E1 looks on a white background.

## Color Contrast Check

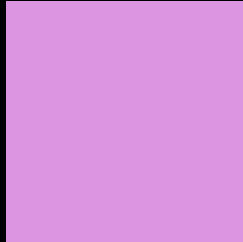
Large Text (above 18pt) WCAG AA × Fail

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 DC95E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

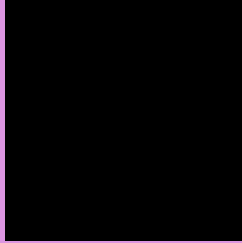
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex DC95E1 Background



This preview shows how black text looks on a background with the Hex color DC95E1.

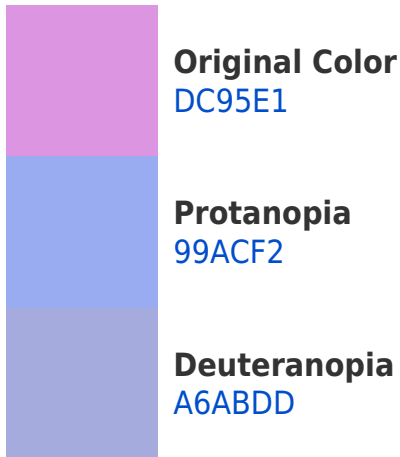


This preview shows how white text looks on a background with the Hex color DC95E1.

# 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](#).

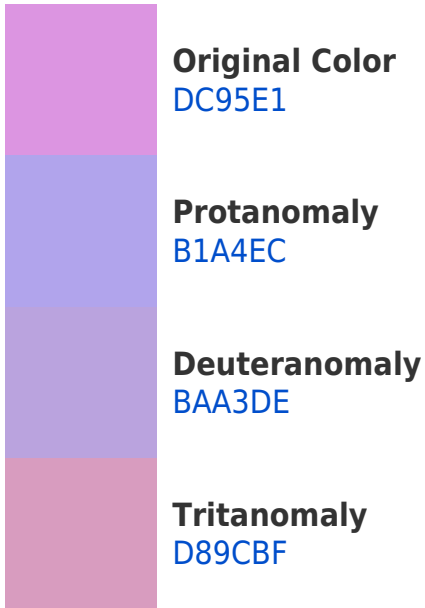
## Dichromacy



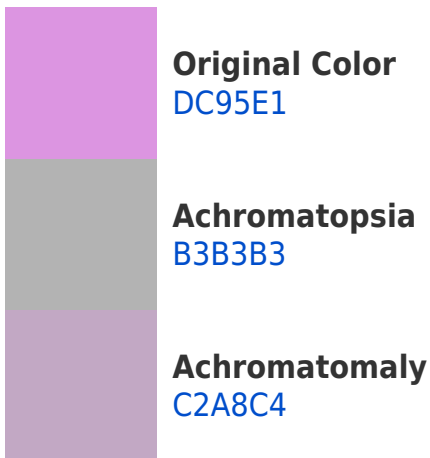


**Tritanopia**  
D5A0AC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC95E1 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 #DC95E1 looks like.

```
.text, #text, p{  
    color:#DC95E1  
}
```

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 #DC95E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC95E1
}
```

## Border

The CSS property to change the border of an element to Hex DC95E1 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
#DC95E1 }
```

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

```
.border{ border-color:#DC95E1 }
```

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

Here you see how a box with a 4 pixel #DC95E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC95E1; -webkit-box-shadow:4px 4px  
4px 4px #DC95E1; box-shadow:4px 4px 4px  
4px #DC95E1 }
```

# Background

The CSS property to change the background color of an element to Hex DC95E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC95E1 }
```

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

```
.background{ background-color:#DC95E1 }
```

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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