

Converting Colors

Hex(CD90E5)

Have a look what the booklet for
Hex(CD90E5) contains.

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Color

Hex(CD90E5)

Conversions

Conversions Part 1

Format	Color
Hex	CD90E5
RGB	205, 144, 229
RGB Percent	80%, 56%, 90%
CMY	0.1961, 0.4353, 0.1020
CMYK	0.10, 0.37, 0.00, 0.10
HSL	283°, 62%, 73%
HSV	283°, 37%, 90%
XYZ	49.2930, 38.5828, 78.9779
YIQ	171.9290, 9.0710, 39.3670

Conversions

Conversions Part 2

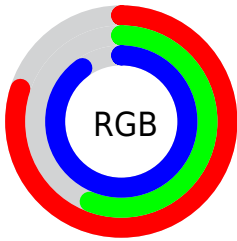
Format	Color
RYB	205, 144, 229
Decimal	13471973
CIELab	68.45, 37.72, -34.10
CIELCh	68, 50.845, 317.883
Yxy	38.5828, 0.2954, 0.2312
Android (android.graphics.Color)	4291662053 (0xFFCD90E5)
YUV	171.9290, 28.1360, 29.0033
Hunter-Lab	62.1151, 32.9518, -31.9054

Details

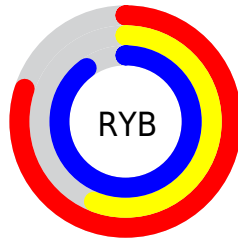
The Hex color **CD90E5** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **A8E590**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFC7FF**, and **955CAD** is the 20% darker color. If you saturate the color by 10%, you get **C779E5**, and if you desaturate by 10%, it is **D3A7E5**.

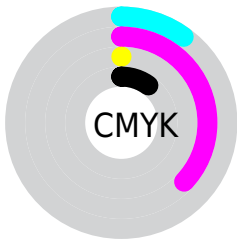
Distribution



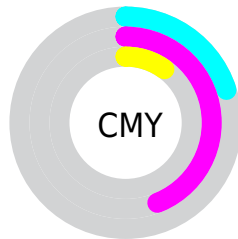
- Red (80%)
- Green (56%)
- Blue (90%)



- Red (80%)
- Yellow (56%)
- Blue (90%)



- Cyan (10%)
- Magenta (37%)
- Yellow (0%)
- Black (10%)



- Cyan (20%)
- Magenta (44%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color CD90E5 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 CD90E5 by changing the saturation by 10% instead.

 CD90E5

 CD90E5

FFFFFF

 B176C9

 FFC7FF

 955CAD

 FFE3FF

 7B4392

 612B78

 47125F

 2E0047

 1A0030

 00011A

 000000

 CD90E5

 CD90E5

 C779E5

 D3A7E5

 C062E5

 DABEE5

 BA4BE5

 E0D5E5

 B334E5

 E7ECE5

 AD1EE5

 EDFFE5

 A607E5

 F4FFE5

 A400E5

 FAFFE5

 FFFFE5

Harmonies

Analogous

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



8BA2FE



CD90E5



F382BC

Triad

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



CD90E5



D29E4B



00BEC2

Complementary

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



CD90E5



A8E590

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.



10BD92



CD90E5



A7AD4C

Square

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



CD90E5



F18D64



72B767



00BBEA

Rectangle

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



CD90E5



FD809C



72B767



00BEB2

Sweetspot

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



CD90E5



F7E3FF



90A8E5



7B6F80



000000



808080

Same Dimension

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



CD90E5



DF8CFF



E590D3



706773



8000B3



250033

Inverse Universe

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



E590A8



FF8CAD



90E5A2



73676B



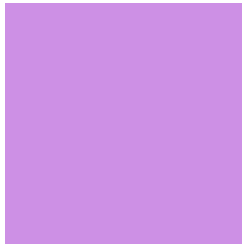
B30032



33000E

Previews

White Background



This preview shows how the Hex color CD90E5 looks on a white background.

Color Contrast Check

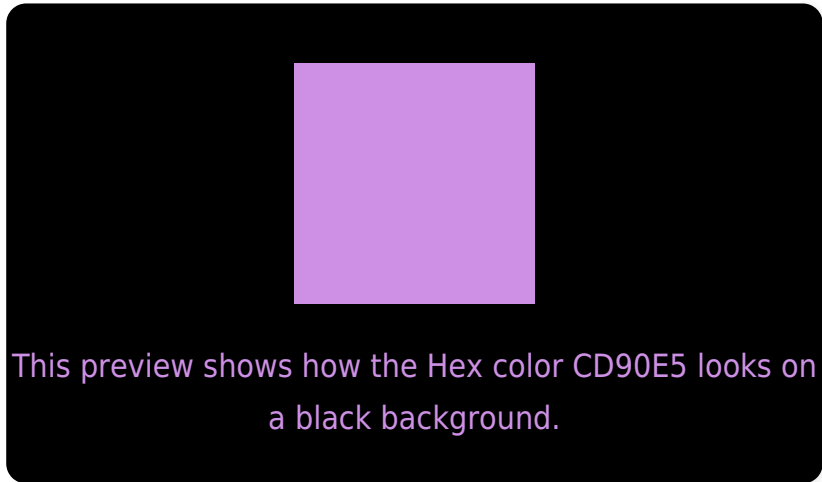
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

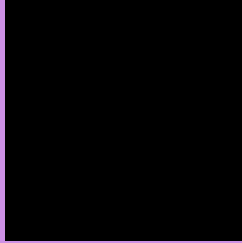
Any Text WCAG AA ✓ Pass

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 CD90E5 Background



This preview shows how black text looks on a background with the Hex color CD90E5.

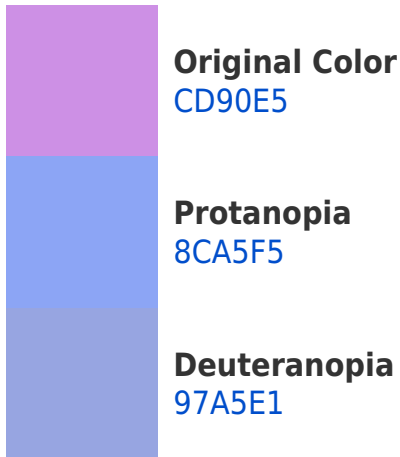


This preview shows how white text looks on a background with the Hex color CD90E5.

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
C49DA9

Trichromacy



Original Color
CD90E5



Protanomaly
A49DEF



Deuteranomaly
AB9DE2



Tritanomaly
C798BF

Monochromacy



Original Color
CD90E5



Achromatopsia
ACACAC



Achromatomaly
B8A2C1

CSS Examples

Text

The CSS property to change the color of the text to Hex CD90E5 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 #CD90E5 looks like.

```
.text, #text, p{  
    color:#CD90E5  
}
```

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 #CD90E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CD90E5
}
```

Border

The CSS property to change the border of an element to Hex CD90E5 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
#CD90E5 }
```

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

```
.border{ border-color:#CD90E5 }
```

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

Here you see how a box with a 4 pixel #CD90E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CD90E5; -webkit-box-shadow:4px 4px  
4px 4px #CD90E5; box-shadow:4px 4px 4px  
4px #CD90E5 }
```

Background

The CSS property to change the background color of an element to Hex CD90E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CD90E5 }
```

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

```
.background{ background-color:#CD90E5 }
```

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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