

Converting Colors

Hex(D724D5)

Have a look what the booklet for
Hex(D724D5) contains.

Hex(D724D5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D724D5)

Conversions

Conversions Part 1

Format	Color
Hex	D724D5
RGB	215, 36, 213
RGB Percent	84%, 14%, 84%
CMY	0.1569, 0.8588, 0.1647
CMYK	0.00, 0.83, 0.01, 0.16
HSL	301°, 71%, 49%
HSV	301°, 83%, 84%
XYZ	40.6654, 20.5129, 64.7669
YIQ	109.6990, 49.8670, 92.9950

Conversions

Conversions Part 2

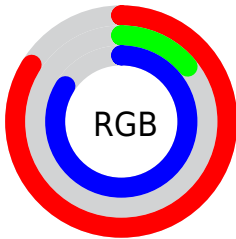
Format	Color
R _{YB}	215, 36, 213
Decimal	14099669
CIE Lab	52.41, 81.88, -50.25
CIE LCh	52, 96.069, 328.463
Yxy	20.5129, 0.3229, 0.1629
Android (android.graphics.Color)	4292289749 (0xFFD724D5)
YUV	109.6990, 50.9274, 92.3490
Hunter-Lab	45.2912, 81.0096, -53.0815

Details

The Hex color **D724D5** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **24D726**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6BFF**, and **9C009D** is the 20% darker color. If you saturate the color by 10%, you get **D70ED5**, and if you desaturate by 10%, it is **D73AD5**.

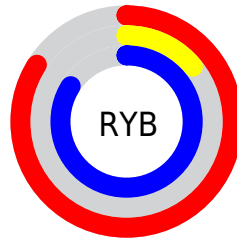
Distribution



Red (84%)

Green (14%)

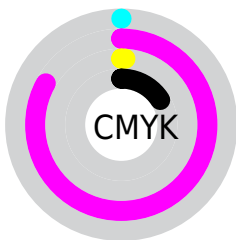
Blue (84%)



Red (84%)

Yellow (14%)

Blue (84%)

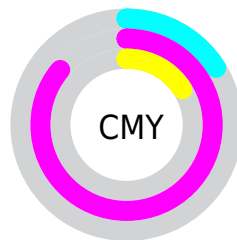


Cyan (0%)

Magenta (83%)

Yellow (1%)

Black (16%)



Cyan (16%)

Magenta (86%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color D724D5 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 D724D5 by changing the saturation by 10% instead.

 D724D5

 D724D5

FFFFFF

 B900B9

 FF6BFF

 9C009D

 FF89FF

 7E0083

 FFA7FF

 620069

 FFC5FF

 460050

 FFE3FF

 290038

 000021

 000007

 000000

 D724D5

 D724D5

 D70ED5

 D73AD5

 D700D5

 D74FD5

 D765D6

 D77AD6

 D790D6

 D7A5D6

 D7BBD7

 D7D0D7

 D7E6D7

Harmonies

Analogous

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



5769FF



D724D5



FF0085

Triad

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



D724D5



9C7900



009ECA

Complementary

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



D724D5



24D726

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.



009D76



D724D5



478E00

Square

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



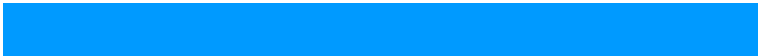
D724D5



D95100



009814



009AFF

Rectangle

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



D724D5



FF004F



009814



009EB0

Sweetspot

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



D724D5



FFBFFE



2424D7



80597F



000000



808080

Same Dimension

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



D724D5



FF00FC



D7247E



6B606B



AB00A9



2B002B

Inverse Universe

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



D724D5



FF00FC



24D77E



6B606B



AB00A9



2B002B

Previews

White Background



This preview shows how the Hex color D724D5 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

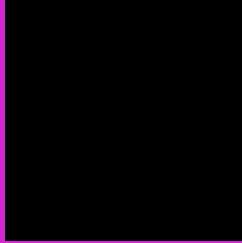
Any Text WCAG AA ✓ Pass

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 D724D5 Background



This preview shows how black text looks on a background with the Hex color D724D5.

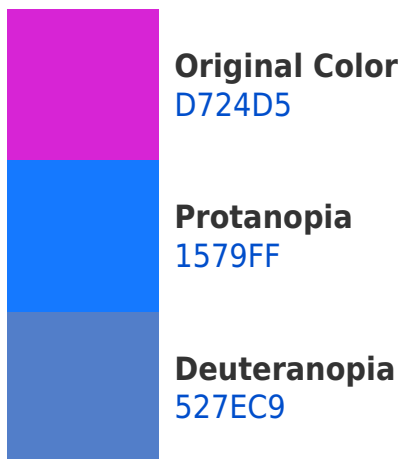


This preview shows how white text looks on a background with the Hex color D724D5.

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



Trichromacy



Original Color
D724D5



Protanomaly
5C5AF0



Deuteranomaly
825DCD



Tritanomaly
CF4689

Monochromacy



Original Color
D724D5



Achromatopsia
6E6E6E



Achromatomaly
945393

CSS Examples

Text

The CSS property to change the color of the text to Hex D724D5 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 #D724D5 looks like.

```
.text, #text, p{  
    color:#D724D5  
}
```

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 #D724D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D724D5
}
```

Border

The CSS property to change the border of an element to Hex D724D5 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
#D724D5 }
```

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

```
.border{ border-color:#D724D5 }
```

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

Here you see how a box with a 4 pixel #D724D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D724D5; -webkit-box-shadow:4px 4px  
4px 4px #D724D5; box-shadow:4px 4px 4px  
4px #D724D5 }
```

Background

The CSS property to change the background color of an element to Hex D724D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D724D5 }
```

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

```
.background{ background-color:#D724D5 }
```

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