

Converting Colors

Hex(D505AE)

Have a look what the booklet for
Hex(D505AE) contains.

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Color

Hex(D505AE)

Conversions

Conversions Part 1

Format	Color
Hex	D505AE
RGB	213, 5, 174
RGB Percent	84%, 2%, 68%
CMY	0.1647, 0.9804, 0.3176
CMYK	0.00, 0.98, 0.18, 0.16
HSL	311°, 95%, 43%
HSV	311°, 98%, 84%
XYZ	35.1348, 17.3107, 41.5339
YIQ	86.4580, 69.7190, 96.6550

Conversions

Conversions Part 2

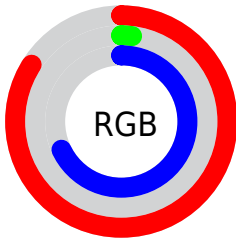
Format	Color
R_{YB}	213, 5, 174
Decimal	13960622
CIE _{Lab}	48.65, 80.18, -33.58
CIE _{LCh}	49, 86.931, 337.274
Yxy	17.3107, 0.3739, 0.1842
Android (android.graphics.Color)	4292150702 (0xFFD505AE)
YUV	86.4580, 43.1582, 110.9773
Hunter-Lab	41.6061, 77.9261, -30.0628

Details

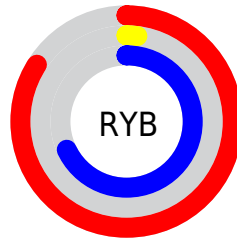
The Hex color **D505AE** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **05D52C**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **FF5EE6**, and **990079** is the 20% darker color. If you saturate the color by 10%, you get **D500AD**, and if you desaturate by 10%, it is **D51AB2**.

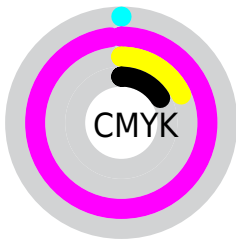
Distribution



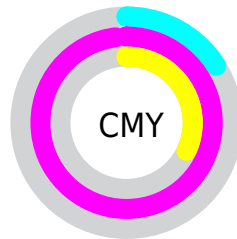
- Red (84%)
- Green (2%)
- Blue (68%)



- Red (84%)
- Yellow (2%)
- Blue (68%)



- Cyan (0%)
- Magenta (98%)
- Yellow (18%)
- Black (16%)



- Cyan (16%)
- Magenta (98%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color D505AE 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 D505AE by changing the saturation by 10% instead.

 D505AE

 D505AE

FFFFFF

 B70093

 FF5EE6

 990079

 FF7DFF

 7C0060

 FF9BFF

 5F0048

 FFB9FF

 450031

 FFD7FF

 27001B

 FFF5FF

 000000

 D505AE

 D505AE

 D500AD

 D51AB2

 D530B6

 D545BA

 D55ABE

 D56FC2

 D585C6

 D59ACA

 D5AFCE

 D5C5D2

Harmonies

Analogous

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



8455EB



D505AE



EF0065

Triad

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



D505AE



7D7700



0091CC

Complementary

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



D505AE



05D52C

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.



009184



D505AE



1E8600

Square

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



D505AE



B95900



008E35



008AFD

Rectangle

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



D505AE



EA0036



008E35



0091B6

Sweetspot

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



D505AE



FFB5F1



2B05D5



805377



000000



808080

Same Dimension

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



D505AE



FF00CF



D50547



6B6069



AB008B



2B0023

Inverse Universe

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



D505AE



FF00CF



05D593



6B6069



AB008B



2B0023

Previews

White Background



This preview shows how the Hex color D505AE looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

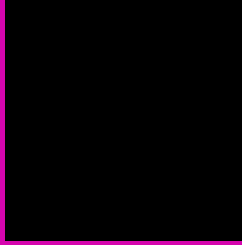
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex D505AE Background



This preview shows how black text looks on a background with the Hex color D505AE.



This preview shows how white text looks on a background with the Hex color D505AE.

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



Original Color
D505AE

Protanopia
0071F0

Deuteranopia
6674A3

Trichromacy



Original Color
D505AE



Protanomaly
4D4AD8



Deuteranomaly
8E4CA7



Tritanomaly
CF2E6D

Monochromacy



Original Color
D505AE



Achromatopsia
565656



Achromatomaly
843976

CSS Examples

Text

The CSS property to change the color of the text to Hex D505AE 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 #D505AE looks like.

```
.text, #text, p{  
    color:#D505AE  
}
```

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 #D505AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D505AE
}
```

Border

The CSS property to change the border of an element to Hex D505AE 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
#D505AE }
```

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

```
.border{ border-color:#D505AE }
```

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

Here you see how a box with a 4 pixel #D505AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D505AE; -webkit-box-shadow:4px 4px  
4px 4px #D505AE; box-shadow:4px 4px 4px  
4px #D505AE }
```

Background

The CSS property to change the background color of an element to Hex D505AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D505AE }
```

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

```
.background{ background-color:#D505AE }
```

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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