

Converting Colors

Hex(D05AC8)

Have a look what the booklet for
Hex(D05AC8) contains.

Hex(D05AC8)	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(D05AC8)

Conversions

Conversions Part 1

Format	Color
Hex	D05AC8
RGB	208, 90, 200
RGB Percent	82%, 35%, 78%
CMY	0.1843, 0.6471, 0.2157
CMYK	0.00, 0.57, 0.04, 0.18
HSL	304°, 56%, 58%
HSV	304°, 57%, 82%
XYZ	40.0939, 24.8924, 57.3351
YIQ	137.8220, 35.0180, 59.2260

Conversions

Conversions Part 2

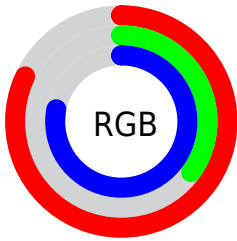
Format	Color
R _{YB}	208, 90, 200
Decimal	13654728
CIE _{Lab}	56.97, 60.46, -35.69
CIE _{LCh}	57, 70.210, 329.444
Yxy	24.8924, 0.3278, 0.2035
Android (android.graphics.Color)	4291844808 (0xFFD05AC8)
YUV	137.8220, 30.6538, 61.5461
Hunter-Lab	49.8922, 56.1330, -33.2102

Details

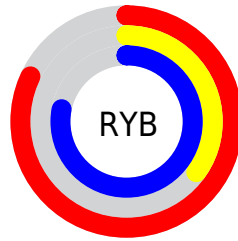
The Hex color **D05AC8** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **5AD062**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF92FF**, and **971E92** is the 20% darker color. If you saturate the color by 10%, you get **D045C7**, and if you desaturate by 10%, it is **D06FC9**.

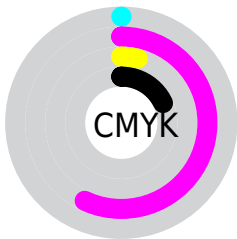
Distribution



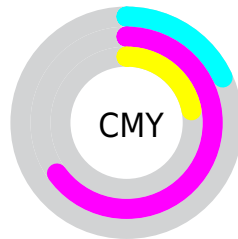
- Red (82%)
- Green (35%)
- Blue (78%)



- Red (82%)
- Yellow (35%)
- Blue (78%)



- Cyan (0%)
- Magenta (57%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color D05AC8 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 D05AC8 by changing the saturation by 10% instead.

 D05AC8

 D05AC8

FFFFFF

 B33EAC

 FF92FF

 971E92

 FFAEFF

 7B0078

 FFCAFF

 60005E

 FFE8FF

 450046

 2C002F

 000019

 000000

 D05AC8

 D05AC8

 D045C7

 D06FC9

 D030C5

 D084CB

 D01CC4

 D098CC

 D007C2

 D0ADCE

 D000C2

 D0C2CF

 D0D7D0

 D0ECD2

 D0FFD3

 D0FFD5

Harmonies

Analogous

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



8279F4



D05AC8



F1458D

Triad

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



D05AC8



A58600



00A4C4

Complementary

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



D05AC8



5AD062

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.



00A486



D05AC8



699600

Square

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



D05AC8



D46D15



00A046



009EF2

Rectangle

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



D05AC8



F44964



00A046



00A4B0

Sweetspot

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



D05AC8



FFD4FC



625AD0



80667E



000000



808080

Same Dimension

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



D05AC8



FF52F3



D05A8D



695E68



A8009D



290026

Inverse Universe

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



D05AC8



FF52F3



5AD09D



695E68



A8009D



290026

Previews

White Background



This preview shows how the Hex color D05AC8 looks on a white background.

Color Contrast Check

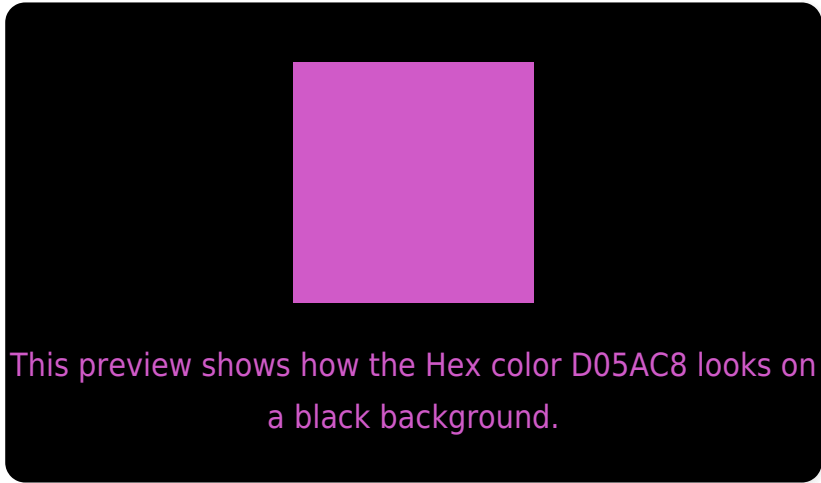
Large Text (above 18pt) WCAG AA ✓ Pass

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

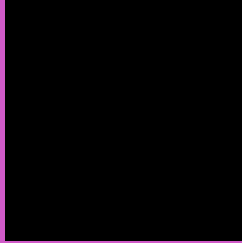
Any Text WCAG AA ✓ Pass

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 D05AC8 Background



This preview shows how black text looks on a background with the Hex color D05AC8.

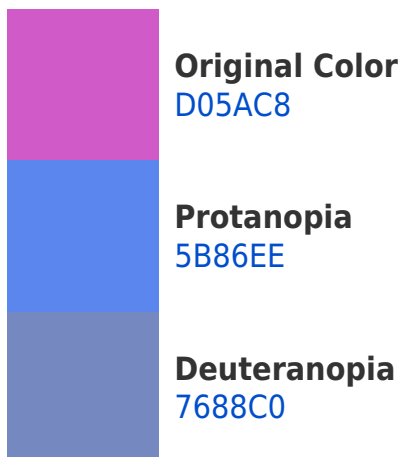


This preview shows how white text looks on a background with the Hex color D05AC8.

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
C76F77

Trichromacy



Original Color
D05AC8



Protanomaly
8676E0



Deuteranomaly
9777C3



Tritanomaly
CA6794

Monochromacy



Original Color
D05AC8



Achromatopsia
8A8A8A



Achromatomaly
A379A1

CSS Examples

Text

The CSS property to change the color of the text to Hex D05AC8 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 #D05AC8 looks like.

```
.text, #text, p{  
    color:#D05AC8  
}
```

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 #D05AC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D05AC8
}
```

Border

The CSS property to change the border of an element to Hex D05AC8 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
#D05AC8 }
```

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

```
.border{ border-color:#D05AC8 }
```

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

Here you see how a box with a 4 pixel #D05AC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D05AC8; -webkit-box-shadow:4px 4px  
4px 4px #D05AC8; box-shadow:4px 4px 4px  
4px #D05AC8 }
```

Background

The CSS property to change the background color of an element to Hex D05AC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D05AC8 }
```

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

```
.background{ background-color:#D05AC8 }
```

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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