

# Converting Colors

Hex(D05283)

Have a look what the booklet for  
Hex(D05283) contains.

<b>Hex(D05283)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D05283)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D05283
RGB	208, 82, 131
RGB Percent	82%, 32%, 51%
CMY	0.1843, 0.6784, 0.4863
CMYK	0.00, 0.61, 0.37, 0.18
HSL	337°, 57%, 57%
HSV	337°, 61%, 82%
XYZ	33.1265, 21.0832, 23.7962
YIQ	125.2600, 59.3670, 41.9510

# Conversions

## Conversions Part 2

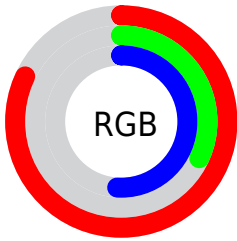
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 82, 131
Decimal	13652611
CIE Lab	53.04, 54.28, -1.43
CIE LCh	53, 54.301, 358.486
Yxy	21.0832, 0.4247, 0.2703
Android (android.graphics.Color)	4291842691 (0xFFD05283)
YUV	125.2600, 2.8298, 72.5630
Hunter-Lab	45.9164, 48.4253, 1.4144

# Details

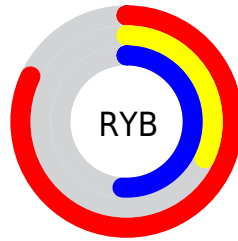
The Hex color **D05283** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **52D09F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF89B8**, and **951452** is the 20% darker color. If you saturate the color by 10%, you get **D03D76**, and if you desaturate by 10%, it is **D06790**.

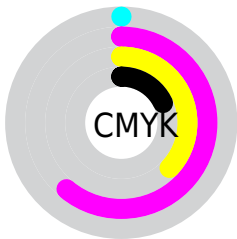
# Distribution



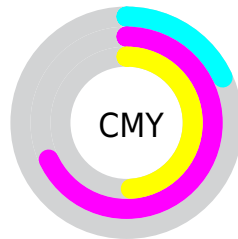
- Red (82%)
- Green (32%)
- Blue (51%)



- Red (82%)
- Yellow (32%)
- Blue (51%)



- Cyan (0%)
- Magenta (61%)
- Yellow (37%)
- Black (18%)



- Cyan (18%)
- Magenta (68%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D05283 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 D05283 by changing the saturation by 10% instead.



 D05283

 D05283

FFFFFF

 B3366A

 FF89B8

 951452

 FFA5D3

 79003B

 FFC1F0

 5D0025

 FFDEFF

 420010

 FFFCFF

 260001

 000000

 D05283

 D05283

 D03D76

 D06790

 D0286A

 D07C9C

 D0145D

 D090A9

 D00051

 D0A5B6

 D0BAC3

 D0CFCF

 D0E4DC

 D0F8E9

 D0FFF5

# Harmonies

## Analogous

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



B55FB0



D05283



D15855

# Triad

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



D05283



6A8924



0090CE

# Complementary

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



D05283



52D09F

# 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.



0094AA



D05283



22914B

# Square

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



D05283



997C15



00957B



0085DC

# Rectangle

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



D05283



C5633A



00957B



0092C4



# Sweetspot

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



D05283



FFD1E3



9E52D0



80636E



000000



808080



# Same Dimension

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



D05283



FF458D



D05F52



695E62



A80041



290010



# Inverse Universe

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



D05283



FF458D



52C3D0



695E62



A80041



290010



# Previews

## White Background



This preview shows how the Hex color D05283 looks on a white background.

## Color Contrast Check

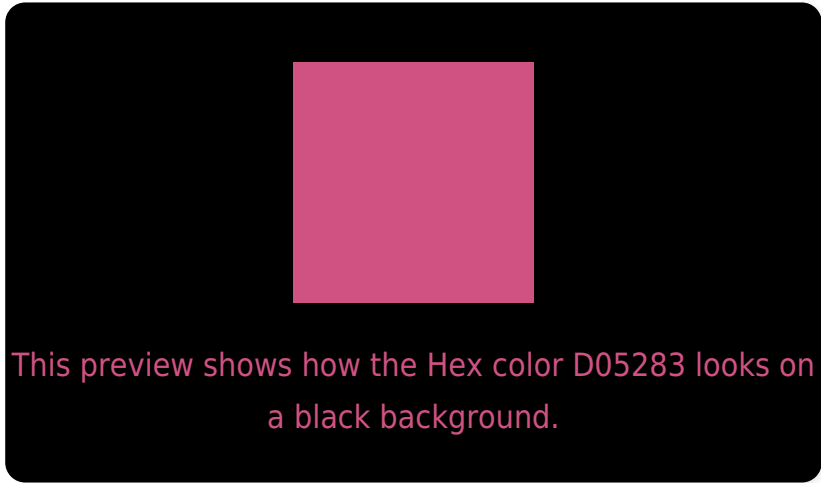
Large Text (above 18pt) WCAG AA ✓ Pass

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 D05283 Background



This preview shows how black text looks on a background with the Hex color D05283.



This preview shows how white text looks on a background with the Hex color D05283.

# 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**  
D05283



**Protanomaly**  
976E94



**Deuteranomaly**  
A56C7F

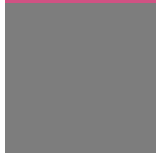


**Tritanomaly**  
CE566C

# Monochromacy



**Original Color**  
D05283



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
9B6D7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D05283 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 #D05283 looks like.

```
.text, #text, p{  
    color:#D05283  
}
```

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 #D05283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D05283
}
```

## Border

The CSS property to change the border of an element to Hex D05283 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
#D05283 }
```

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

```
.border{ border-color:#D05283 }
```

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

Here you see how a box with a 4 pixel #D05283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D05283; -webkit-box-shadow:4px 4px  
4px 4px #D05283; box-shadow:4px 4px 4px  
4px #D05283 }
```

# Background

The CSS property to change the background color of an element to Hex D05283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D05283 }
```

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

```
.background{ background-color:#D05283 }
```

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