

# Converting Colors

Hex(D1286B)

Have a look what the booklet for  
Hex(D1286B) contains.

<b>Hex(D1286B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(D1286B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D1286B
RGB	209, 40, 107
RGB Percent	82%, 16%, 42%
CMY	0.1804, 0.8431, 0.5804
CMYK	0.00, 0.81, 0.49, 0.18
HSL	336°, 68%, 49%
HSV	336°, 81%, 82%
XYZ	29.7071, 16.1344, 15.4584
YIQ	98.1690, 79.2170, 56.6650

# Conversions

## Conversions Part 2

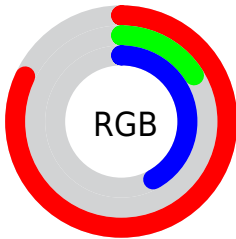
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 40, 107
Decimal	13707371
CIE Lab	47.15, 67.12, 4.54
CIE LCh	47, 67.275, 3.873
Yxy	16.1344, 0.4846, 0.2632
Android (android.graphics.Color)	4291897451 (0xFFD1286B)
YUV	98.1690, 4.3537, 97.1988
Hunter-Lab	40.1677, 61.7212, 5.2998

# Details

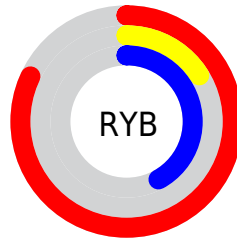
The Hex color **D1286B** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **28D18E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF689E**, and **94003C** is the 20% darker color. If you saturate the color by 10%, you get **D1135E**, and if you desaturate by 10%, it is **D13D78**.

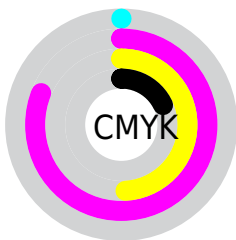
# Distribution



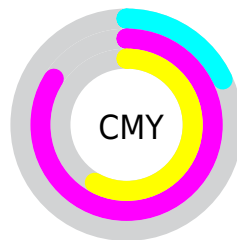
- Red (82%)
- Green (16%)
- Blue (42%)



- Red (82%)
- Yellow (16%)
- Blue (42%)



- Cyan (0%)
- Magenta (81%)
- Yellow (49%)
- Black (18%)



- Cyan (18%)
- Magenta (84%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D1286B 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 D1286B by changing the saturation by 10% instead.



 D1286B

 D1286B

FFFFFF

 B20053

 FF689E

 94003C

 FF85B9

 760027

 FFA2D5

 590012

 FFBFF1

 3D0003

 FFDDFF

 180001

 FFFBFF

 000000

 D1286B

 D1286B

 D1135E

 D13D78

 D10053

 D15284

 D16791

 D17C9D

 D191AA

 D1A5B7

 D1BAC3

 D1CFD0

 D1E4DD

# Harmonies

## Analogous

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



B83DA3



D1286B



CB3C34

# Triad

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



D1286B



467E00



0082D6

# Complementary

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



D1286B



28D18E

# 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.



0088AE



D1286B



00853A

# Square

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



D1286B



817000



008876



0075E2

# Rectangle

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



D1286B



BA500B



008876



0085CB



# Sweetspot

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



D1286B



FFC2DA



8D28D1



805B69



000000



808080



# Same Dimension

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



D1286B



FF086A



D13928



695E62



A80043



290010



# Inverse Universe

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



D1286B



FF086A



28C0D1



695E62



A80043

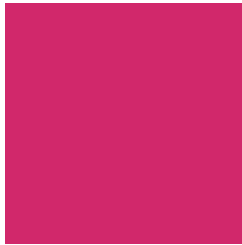


290010



# Previews

## White Background



This preview shows how the Hex color D1286B looks on a white background.

## Color Contrast Check

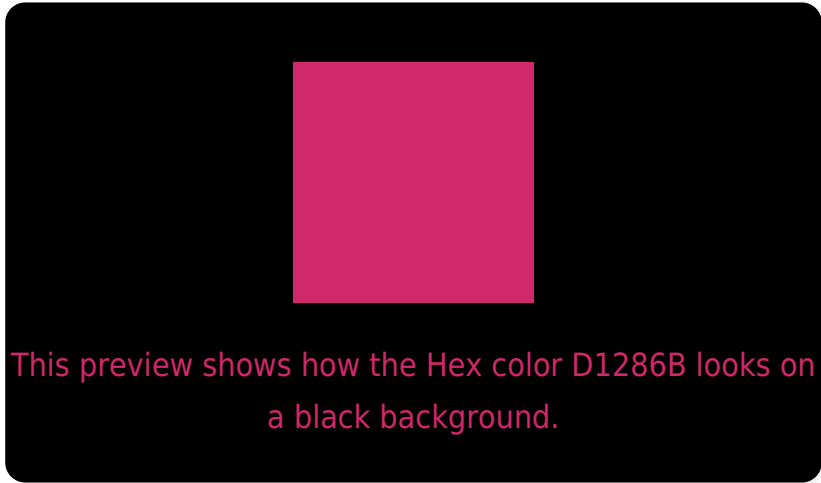
Large Text (above 18pt) WCAG AA ✓ Pass

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 D1286B Background



This preview shows how black text looks on a background with the Hex color D1286B.

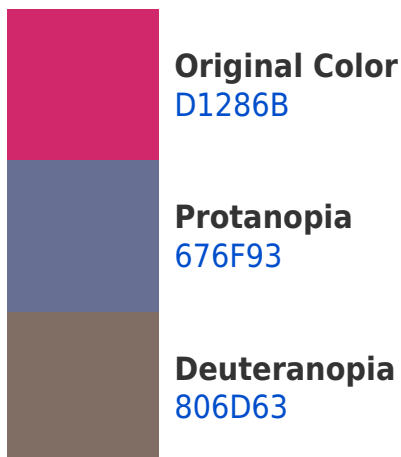


This preview shows how white text looks on a background with the Hex color D1286B.

# Color Blindness Simulation

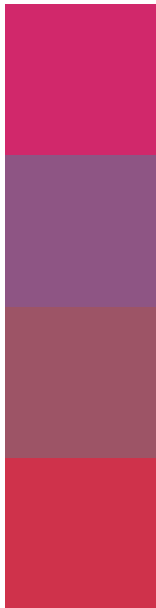
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



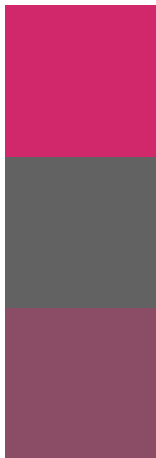
**Original Color**  
D1286B

**Protanomaly**  
8E5584

**Deuteranomaly**  
9D5466

**Tritanomaly**  
CF324B

# Monochromacy



**Original Color**  
D1286B

**Achromatopsia**  
626262

**Achromatomaly**  
8A4D65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D1286B 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 #D1286B looks like.

```
.text, #text, p{  
    color:#D1286B  
}
```

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 #D1286B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D1286B
}
```

## Border

The CSS property to change the border of an element to Hex D1286B 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
#D1286B }
```

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

```
.border{ border-color:#D1286B }
```

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

Here you see how a box with a 4 pixel #D1286B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D1286B; -webkit-box-shadow:4px 4px  
4px 4px #D1286B; box-shadow:4px 4px 4px  
4px #D1286B }
```

# Background

The CSS property to change the background color of an element to Hex D1286B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D1286B }
```

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

```
.background{ background-color:#D1286B }
```

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