

# Converting Colors

Hex(DC2269)

Have a look what the booklet for  
Hex(DC2269) contains.

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# Color

**Hex(DC2269)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC2269
RGB	220, 34, 105
RGB Percent	86%, 13%, 41%
CMY	0.1373, 0.8667, 0.5882
CMYK	0.00, 0.85, 0.52, 0.14
HSL	337°, 73%, 50%
HSV	337°, 85%, 86%
XYZ	32.6370, 17.3796, 14.9990
YIQ	97.7080, 88.0650, 61.5130

# Conversions

## Conversions Part 2

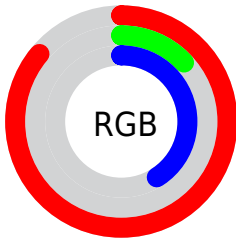
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 34, 105
Decimal	14426729
CIE <sub>Lab</sub>	48.73, 71.10, 8.32
CIE <sub>LCh</sub>	49, 71.584, 6.675
Yxy	17.3796, 0.5020, 0.2673
Android (android.graphics.Color)	4292616809 (0xFFDC2269)
YUV	97.7080, 3.5950, 107.2501
Hunter-Lab	41.6889, 66.7870, 7.8505

# Details

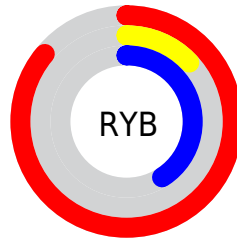
The Hex color **DC2269** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **22DC95**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF669C**, and **9E003A** is the 20% darker color. If you saturate the color by 10%, you get **DC0C5B**, and if you desaturate by 10%, it is **DC3877**.

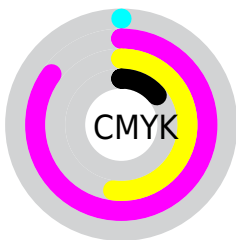
# Distribution



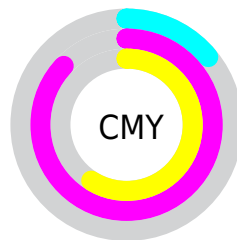
- Red (86%)
- Green (13%)
- Blue (41%)



- Red (86%)
- Yellow (13%)
- Blue (41%)



- Cyan (0%)
- Magenta (85%)
- Yellow (52%)
- Black (14%)



- Cyan (14%)
- Magenta (87%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC2269 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 DC2269 by changing the saturation by 10% instead.



 DC2269

 DC2269

FFFFFF

 BD0051

 FF669C

 9E003A

 FF84B7

 800025

 FFA1D2

 620010

 FFBFEE

 450003

 FFDDFF

 240001

 FFFBFF

 000000

 DC2269

 DC2269

 DC0C5B

 DC3877

 DC0054

 DC4E84

 DC6492

 DC7A9F

 DC90AD

 DCA6BB

 DCBCC8

 DCD2D6

 DCE8E3

# Harmonies

## Analogous

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



C538A5



DC2269



D33D2E

# Triad

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



DC2269



3D8400



0087E4

# Complementary

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



DC2269



22DC95

# 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.



008DBB



DC2269



008B40

# Square

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



DC2269



807600



008E80



0077EE

# Rectangle

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



DC2269



BF5400



008E80



008AD9



# Sweetspot

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



DC2269



FFBFD8



9522DC



805968



000000



808080



# Same Dimension

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



DC2269



FF0061



DC3822



6E6367



AD0042



2E0012



# Inverse Universe

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



DC2269



FF0061



22C6DC



6E6367



AD0042

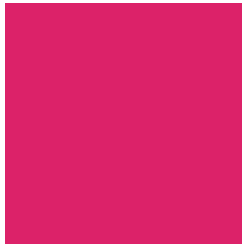


2E0012



# Previews

## White Background



This preview shows how the Hex color DC2269 looks on a white background.

## Color Contrast Check

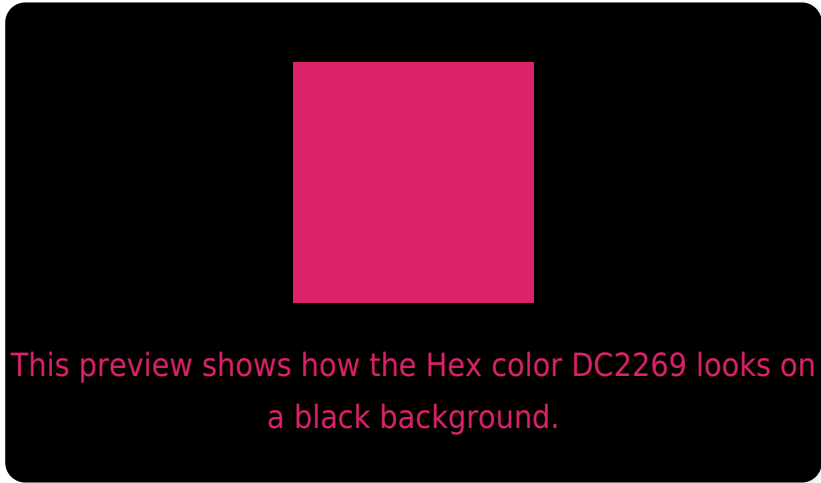
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC2269 Background



This preview shows how black text looks on a background with the Hex color DC2269.



This preview shows how white text looks on a background with the Hex color DC2269.

# 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**  
DC2269



**Protanomaly**  
955684



**Deuteranomaly**  
A65463



**Tritanomaly**  
DB2D47

# Monochromacy



**Original Color**  
DC2269



**Achromatopsia**  
626262



**Achromatomaly**  
8E4B65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC2269 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 #DC2269 looks like.

```
.text, #text, p{  
    color:#DC2269  
}
```

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 #DC2269 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC2269
}
```

## Border

The CSS property to change the border of an element to Hex DC2269 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
#DC2269 }
```

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

```
.border{ border-color:#DC2269 }
```

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

Here you see how a box with a 4 pixel #DC2269 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC2269; -webkit-box-shadow:4px 4px  
4px 4px #DC2269; box-shadow:4px 4px 4px  
4px #DC2269 }
```

# Background

The CSS property to change the background color of an element to Hex DC2269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC2269 }
```

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

```
.background{ background-color:#DC2269 }
```

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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