

Converting Colors

Hex(DC0F84)

Have a look what the booklet for
Hex(DC0F84) contains.

Hex(DC0F84)	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(DC0F84)

Conversions

Conversions Part 1

Format	Color
Hex	DC0F84
RGB	220, 15, 132
RGB Percent	86%, 6%, 52%
CMY	0.1373, 0.9412, 0.4824
CMYK	0.00, 0.93, 0.40, 0.14
HSL	326°, 87%, 46%
HSV	326°, 93%, 86%
XYZ	33.8509, 17.2232, 23.3701
YIQ	89.6330, 84.6230, 79.8470

Conversions

Conversions Part 2

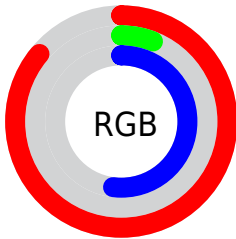
Format	Color
R_{YB}	220, 15, 132
Decimal	14421892
CIE Lab	48.54, 76.23, -8.47
CIE LCh	49, 76.696, 353.659
Yxy	17.2232, 0.4547, 0.2314
Android (android.graphics.Color)	4292611972 (0xFFDC0F84)
YUV	89.6330, 20.8869, 114.3319
Hunter-Lab	41.5009, 72.9699, -4.3369

Details

The Hex color **DC0F84** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **0FDC67**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF60B9**, and **9F0053** is the 20% darker color. If you saturate the color by 10%, you get **DC007E**, and if you desaturate by 10%, it is **DC258D**.

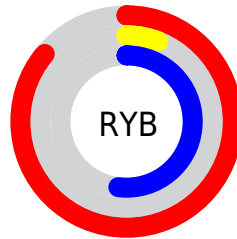
Distribution



Red (86%)

Green (6%)

Blue (52%)



Red (86%)

Yellow (6%)

Blue (52%)

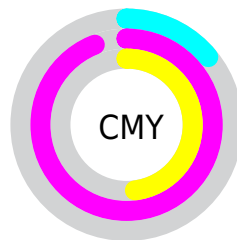


Cyan (0%)

Magenta (93%)

Yellow (40%)

Black (14%)



Cyan (14%)

Magenta (94%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC0F84 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 DC0F84 by changing the saturation by 10% instead.

 DC0F84

 DC0F84

FFFFFF

 BD006B

 FF60B9

 9F0053

 FF7ED5

 81003C

 FF9CF1

 630026

 FFBAFF

 480011

 FFD8FF

 280001

 FFF6FF

 000000

 DC0F84

 DC0F84

 DC007E

 DC258D

 DC3B97

 DC51A0

 DC67AA

 DC7DB3

 DC93BD

 DCA9C6

 DCBFD0

 DCD5D9

Harmonies

Analogous

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



B143C1



DC0F84



E02044

Triad

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



DC0F84



5B7F00



008BDC

Complementary

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



DC0F84



0FDC67

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.



008FA6



DC0F84



00891A

Square

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



DC0F84



986C00



008E63



0080F6

Rectangle

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



DC0F84



D14018



008E63



008DCC

Sweetspot

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



DC0F84



FFB8E0



640FDC



80546D



000000



808080

Same Dimension

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



DC0F84



FF0092



DC0F20



6E6369



AD0063



2E001A

Inverse Universe

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



DC0F84



FF0092



0FDCCB



6E6369



AD0063



2E001A

Previews

White Background



This preview shows how the Hex color DC0F84 looks on a white background.

Color Contrast Check

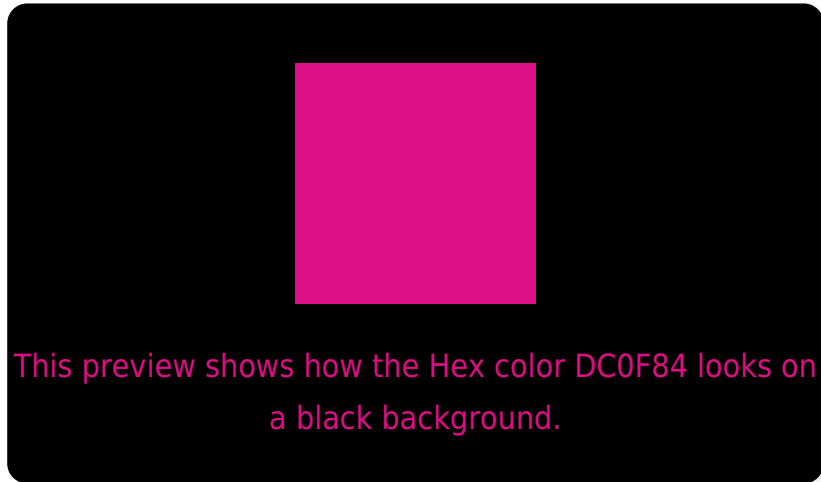
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC0F84 Background



This preview shows how black text looks on a background with the Hex color DC0F84.



This preview shows how white text looks on a background with the Hex color DC0F84.

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
D83637

Trichromacy



Original Color
DC0F84



Protanomaly
884EA8



Deuteranomaly
A04D7E

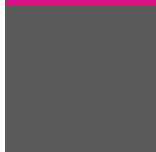


Tritanomaly
D92853

Monochromacy



Original Color
DC0F84



Achromatopsia
5A5A5A



Achromatomaly
893F69

CSS Examples

Text

The CSS property to change the color of the text to Hex DC0F84 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 #DC0F84 looks like.

```
.text, #text, p{  
    color:#DC0F84  
}
```

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 #DC0F84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC0F84
}
```

Border

The CSS property to change the border of an element to Hex DC0F84 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
#DC0F84 }
```

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

```
.border{ border-color:#DC0F84 }
```

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

Here you see how a box with a 4 pixel #DC0F84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC0F84; -webkit-box-shadow:4px 4px  
4px 4px #DC0F84; box-shadow:4px 4px 4px  
4px #DC0F84 }
```

Background

The CSS property to change the background color of an element to Hex DC0F84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC0F84 }
```

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

```
.background{ background-color:#DC0F84 }
```

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