

Converting Colors

Hex(DC2F76)

Have a look what the booklet for
Hex(DC2F76) contains.

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Color

Hex(DC2F76)

Conversions

Conversions Part 1

Format	Color
Hex	DC2F76
RGB	220, 47, 118
RGB Percent	86%, 18%, 46%
CMY	0.1373, 0.8157, 0.5373
CMYK	0.00, 0.79, 0.46, 0.14
HSL	335°, 71%, 52%
HSV	335°, 79%, 86%
XYZ	33.8017, 18.5567, 18.9398
YIQ	106.8210, 80.3170, 58.7570

Conversions

Conversions Part 2

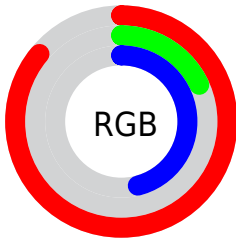
Format	Color
R_{YB}	220, 47, 118
Decimal	14430070
CIE _{Lab}	50.16, 69.05, 2.43
CIE _{LCh}	50, 69.096, 2.018
Yxy	18.5567, 0.4741, 0.2603
Android (android.graphics.Color)	4292620150 (0xFFDC2F76)
YUV	106.8210, 5.5112, 99.2580
Hunter-Lab	43.0775, 64.6786, 4.0863

Details

The Hex color **DC2F76** 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 **2FDC95**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF6EAA**, and **9F0046** is the 20% darker color. If you saturate the color by 10%, you get **DC1969**, and if you desaturate by 10%, it is **DC4583**.

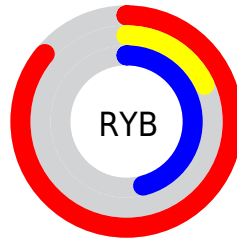
Distribution



Red (86%)

Green (18%)

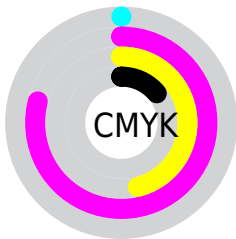
Blue (46%)



Red (86%)

Yellow (18%)

Blue (46%)

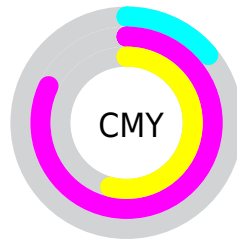


Cyan (0%)

Magenta (79%)

Yellow (46%)

Black (14%)



Cyan (14%)

Magenta (82%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC2F76 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 DC2F76 by changing the saturation by 10% instead.

 DC2F76

 DC2F76

FFFFFF

 BD005D

 FF6EAA

 9F0046

 FF8CC5

 810030

 FFA9E1

 63001C

 FFC6FE

 480004

 FFE4FF

 280001

 000000

 DC2F76

 DC2F76

 DC1969

 DC4583

 DC035C

 DC5B90

 DC005A

 DC719D

 DC87AA

 DC9DB7

 DCB3C4

 DCC9D1

 DCDFDE

 DCF5EB

Harmonies

Analogous

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



BF45B0



DC2F76



D8403D

Triad

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



DC2F76



518500



008BDF

Complementary

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



DC2F76



2FDC95

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.



0091B5



DC2F76



008D3C

Square

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



DC2F76



8D7600



00917A



007EEE

Rectangle

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



DC2F76



C65515



00917A



008ED4

Sweetspot

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



DC2F76



FFC2DB



942FDC



805B6A



000000



808080

Same Dimension

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



DC2F76



FF0F72



DC3D2F



6E6367



AD0047



2E0013

Inverse Universe

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



DC2F76



FF0F72



2FCEDC



6E6367



AD0047



2E0013

Previews

White Background



This preview shows how the Hex color DC2F76 looks on a white background.

Color Contrast Check

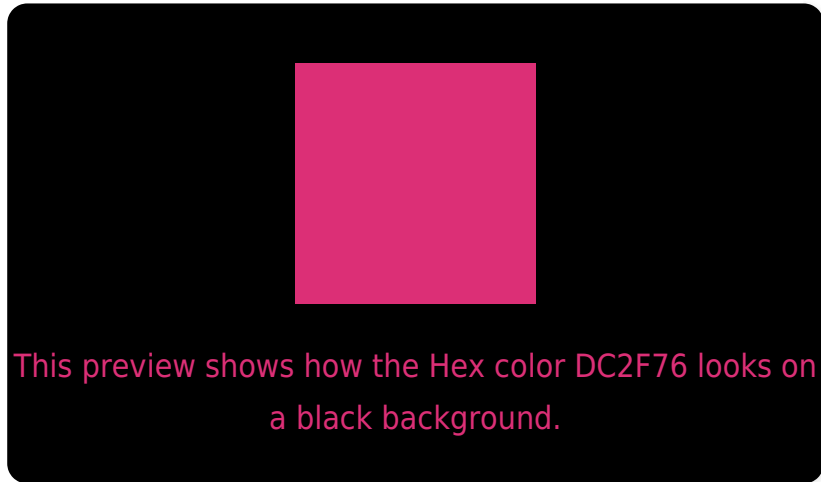
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC2F76 Background



This preview shows how black text looks on a background with the Hex color DC2F76.



This preview shows how white text looks on a background with the Hex color DC2F76.

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



Original Color
DC2F76

Protanopia
6D779F

Deuteranopia
87746E



Tritanopia
D93E41

Trichromacy



Original Color
DC2F76



Protanomaly
955D90



Deuteranomaly
A65B71



Tritanomaly
DA3954

Monochromacy



Original Color
DC2F76



Achromatopsia
6B6B6B



Achromatomaly
94556F

CSS Examples

Text

The CSS property to change the color of the text to Hex DC2F76 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 #DC2F76 looks like.

```
.text, #text, p{  
    color:#DC2F76  
}
```

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 #DC2F76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC2F76
}
```

Border

The CSS property to change the border of an element to Hex DC2F76 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
#DC2F76 }
```

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

```
.border{ border-color:#DC2F76 }
```

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

Here you see how a box with a 4 pixel #DC2F76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC2F76; -webkit-box-shadow:4px 4px  
4px 4px #DC2F76; box-shadow:4px 4px 4px  
4px #DC2F76 }
```

Background

The CSS property to change the background color of an element to Hex DC2F76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC2F76 }
```

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

```
.background{ background-color:#DC2F76 }
```

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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