

# Converting Colors

Hex(DC1359)

Have a look what the booklet for  
Hex(DC1359) contains.

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# Color

**Hex(DC1359)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC1359
RGB	220, 19, 89
RGB Percent	86%, 7%, 35%
CMY	0.1373, 0.9255, 0.6510
CMYK	0.00, 0.91, 0.60, 0.14
HSL	339°, 84%, 47%
HSV	339°, 91%, 86%
XYZ	31.5512, 16.4027, 10.9543
YIQ	87.0790, 97.3260, 64.3820

# Conversions

## Conversions Part 2

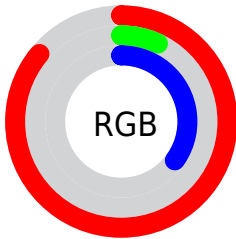
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	220, 19, 89
Decimal	14422873
CIE <sub>Lab</sub>	47.50, 72.50, 16.46
CIE <sub>LCh</sub>	47, 74.347, 12.792
Yxy	16.4027, 0.5356, 0.2784
Android (android.graphics.Color)	4292612953 (0xFFDC1359)
YUV	87.0790, 0.9471, 116.5717
Hunter-Lab	40.5002, 68.1832, 12.3137

# Details

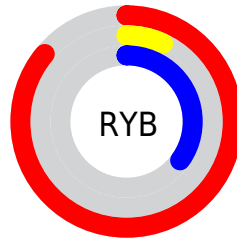
The Hex color **DC1359** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **13DC96**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FF5F8B**, and **9D002C** is the 20% darker color. If you saturate the color by 10%, you get **DC004D**, and if you desaturate by 10%, it is **DC2967**.

# Distribution



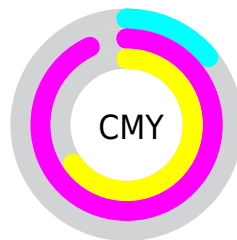
- Red (86%)
- Green (7%)
- Blue (35%)



- Red (86%)
- Yellow (7%)
- Blue (35%)



- Cyan (0%)
- Magenta (91%)
- Yellow (60%)
- Black (14%)



- Cyan (14%)
- Magenta (93%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC1359 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 DC1359 by changing the saturation by 10% instead.



 DC1359

 DC1359

FFFFFF

 BC0042

 FF5F8B

 9D002C

 FF7EA5

 7E0019

 FF9BC0

 600002

 FFB9DC

 420003

 FFD7F8

 200001

 FFF5FF

 000000

 DC1359

 DC1359

 DC004D

 DC2967

 DC3F76

 DC5584

 DC6B92

 DC81A1

 DC97AF

 DCADBD

 DCC3CC

 DCD9DA

# Harmonies

## Analogous

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



CC2597



DC1359



CC3E1B

# Triad

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



DC1359



1A8300



0082EA

# Complementary

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



DC1359



13DC96

# 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.



008AC5



DC1359



008949

# Square

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



DC1359



717600



008B8B



0070ED

# Rectangle

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



DC1359



B55600



008B8B



0086E1



# Sweetspot

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



DC1359



FFBAD2



9613DC



805765



000000



808080



# Same Dimension

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



DC1359



FF0059



DC3113



6E6367



AD003C



2E0010



# Inverse Universe

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



DC1359



FF0059



13BEDC



6E6367



AD003C



2E0010



# Previews

## White Background



This preview shows how the Hex color DC1359 looks on a white background.

## Color Contrast Check

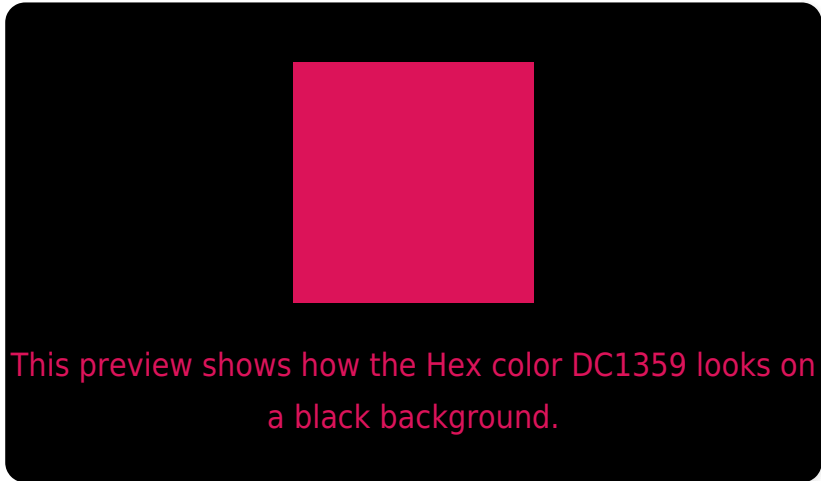
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC1359 Background



This preview shows how black text looks on a background with the Hex color DC1359.

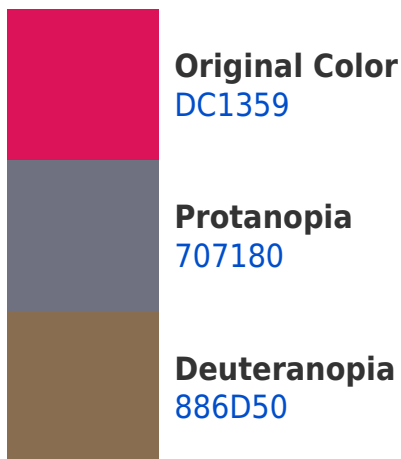


This preview shows how white text looks on a background with the Hex color DC1359.

# 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**  
DC1359



**Protanomaly**  
974F72



**Deuteranomaly**  
A74C53



**Tritanomaly**  
DB2039

# Monochromacy



**Original Color**  
DC1359



**Achromatopsia**  
575757



**Achromatomaly**  
873E58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC1359 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 #DC1359 looks like.

```
.text, #text, p{  
    color:#DC1359  
}
```

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 #DC1359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC1359  
}
```

## Border

The CSS property to change the border of an element to Hex DC1359 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  
#DC1359 }
```

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

```
.border{ border-color:#DC1359 }
```

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

Here you see how a box with a 4 pixel #DC1359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC1359; -webkit-box-shadow:4px 4px  
4px 4px #DC1359; box-shadow:4px 4px 4px  
4px #DC1359 }
```

# Background

The CSS property to change the background color of an element to Hex DC1359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC1359 }
```

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

```
.background{ background-color:#DC1359 }
```

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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