

Converting Colors

Hex(DC31C1)

Have a look what the booklet for
Hex(DC31C1) contains.

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Color

Hex(DC31C1)

Conversions

Conversions Part 1

Format	Color
Hex	DC31C1
RGB	220, 49, 193
RGB Percent	86%, 19%, 76%
CMY	0.1373, 0.8078, 0.2431
CMYK	0.00, 0.78, 0.12, 0.14
HSL	309°, 71%, 53%
HSV	309°, 78%, 86%
XYZ	40.2392, 21.2625, 52.4353
YIQ	116.5450, 55.6920, 81.0360

Conversions

Conversions Part 2

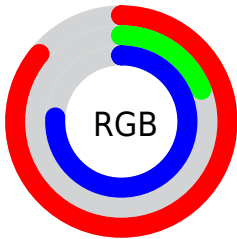
Format	Color
R _{YB}	220, 49, 193
Decimal	14430657
CIE _{Lab}	53.24, 77.01, -37.39
CIE _{LCh}	53, 85.609, 334.100
Yxy	21.2625, 0.3532, 0.1866
Android (android.graphics.Color)	4292620737 (0xFFDC31C1)
YUV	116.5450, 37.6923, 90.7300
Hunter-Lab	46.1113, 75.0737, -35.1435

Details

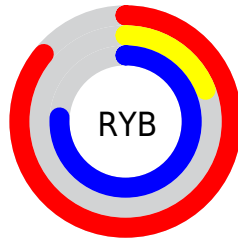
The Hex color **DC31C1** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **31DC4C**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF72FA**, and **A1008B** is the 20% darker color. If you saturate the color by 10%, you get **DC1BBE**, and if you desaturate by 10%, it is **DC47C4**.

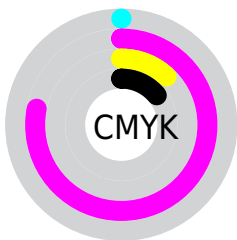
Distribution



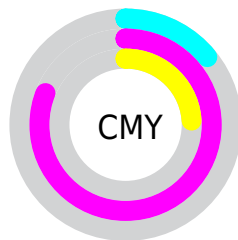
- Red (86%)
- Green (19%)
- Blue (76%)



- Red (86%)
- Yellow (19%)
- Blue (76%)



- Cyan (0%)
- Magenta (78%)
- Yellow (12%)
- Black (14%)



- Cyan (14%)
- Magenta (81%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC31C1 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 DC31C1 by changing the saturation by 10% instead.

 DC31C1

 DC31C1

FFFFFF

 BE00A6

 FF72FA

 A1008B

 FF90FF

 840071

 FFADFF

 670058

 FFCBFF

 4C0040

 FFE9FF

 300029

 030013

 000000

 DC31C1

 DC31C1

 DC1BBE

 DC47C4

 DC05BA

 DC5DC8

 DC00B9

 DC73CB

 DC89CF

 DC9FD2

 DCB5D6

 DCCBD9

 DCE1DD

 DCF7E0

Harmonies

Analogous

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



8465FB



DC31C1



FB0079

Triad

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



DC31C1



928000



009DD1

Complementary

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



DC31C1



31DC4C

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.



009D88



DC31C1



419100

Square

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



DC31C1



CC6100



009A39



0097FF

Rectangle

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



DC31C1



F91749



009A39



009EBA

Sweetspot

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



DC31C1



FFC4F6



4B31DC



805C7A



000000



808080

Same Dimension

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



DC31C1



FF12DA



DC316D



6E636C



AD0092



2E0027

Inverse Universe

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



DC31C1



FF12DA



31DCA0



6E636C



AD0092



2E0027

Previews

White Background



This preview shows how the Hex color DC31C1 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

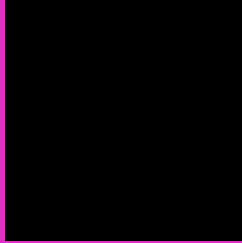
Any Text WCAG AA ✓ Pass

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 DC31C1 Background



This preview shows how black text looks on a background with the Hex color DC31C1.

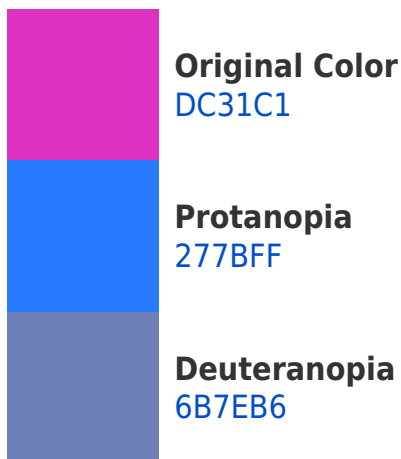


This preview shows how white text looks on a background with the Hex color DC31C1.

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
D2565C

Trichromacy



Original Color
DC31C1



Protanomaly
6960E8



Deuteranomaly
9462BA



Tritanomaly
D64981

Monochromacy



Original Color
DC31C1



Achromatopsia
757575



Achromatomaly
9A5C91

CSS Examples

Text

The CSS property to change the color of the text to Hex DC31C1 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 #DC31C1 looks like.

```
.text, #text, p{  
    color:#DC31C1  
}
```

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 #DC31C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC31C1
}
```

Border

The CSS property to change the border of an element to Hex DC31C1 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
#DC31C1 }
```

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

```
.border{ border-color:#DC31C1 }
```

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

Here you see how a box with a 4 pixel #DC31C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC31C1; -webkit-box-shadow:4px 4px  
4px 4px #DC31C1; box-shadow:4px 4px 4px  
4px #DC31C1 }
```

Background

The CSS property to change the background color of an element to Hex DC31C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC31C1 }
```

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

```
.background{ background-color:#DC31C1 }
```

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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