

Converting Colors

Hex(DD0B31)

Have a look what the booklet for
Hex(DD0B31) contains.

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Color

Hex(DD0B31)

Conversions

Conversions Part 1

Format	Color
Hex	DD0B31
RGB	221, 11, 49
RGB Percent	87%, 4%, 19%
CMY	0.1333, 0.9569, 0.8078
CMYK	0.00, 0.95, 0.78, 0.13
HSL	349°, 91%, 45%
HSV	349°, 95%, 87%
XYZ	30.4928, 15.8332, 4.3547
YIQ	78.1220, 112.9620, 56.3380

Conversions

Conversions Part 2

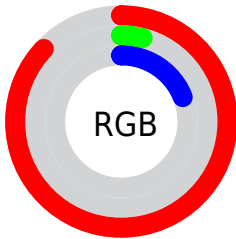
Format	Color
RYB	221, 11, 49
Decimal	14486321
CIELab	46.75, 71.79, 39.80
CIELCh	47, 82.086, 29.005
Yxy	15.8332, 0.6017, 0.3124
Android (android.graphics.Color)	4292676401 (0xFFDD0B31)
YUV	78.1220, -14.3571, 125.3040
Hunter-Lab	39.7910, 67.1547, 21.3651

Details

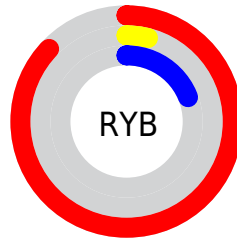
The Hex color **DD0B31** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0BDDDB7**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **FF5C60**, and **9C0005** is the 20% darker color. If you saturate the color by 10%, you get **DD0028**, and if you desaturate by 10%, it is **DD2143**.

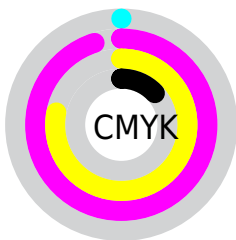
Distribution



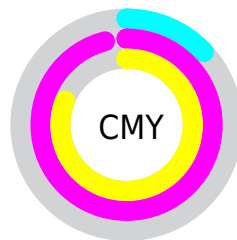
- Red (87%)
- Green (4%)
- Blue (19%)



- Red (87%)
- Yellow (4%)
- Blue (19%)



- Cyan (0%)
- Magenta (95%)
- Yellow (78%)
- Black (13%)



- Cyan (13%)
- Magenta (96%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD0B31 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 DD0B31 by changing the saturation by 10% instead.

 DD0B31

 DD0B31

FFFFFF

 BD001C

 FF5C60

 9C0005

 FF7A78

 7D0000

 FF9892

 5D0002

 FFB6AD

 3F0003

 FFD3C8

 1C0001

 FFF1E5

 000000

 DD0B31

 DD0B31

 DD0028

 DD2143

 DD3755

 DD4D67

 DD6379

 DD7A8C

 DD909E

 DDA6B0

 DDBCC2

 DDD2D4

Harmonies

Analogous

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



E00074



DD0B31



BD4C00

Triad

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



DD0B31



00861D



0079FB

Complementary

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



DD0B31



0BDDB7

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.



0087E6



DD0B31



008A6B

Square

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



DD0B31



437D00



008BB1



585DEA

Rectangle

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



DD0B31



9C6300



008BB1



007FF8

Sweetspot

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



DD0B31



FFB5C2



B60BDD



80535B



000000



808080

Same Dimension

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



DD0B31



FF002E



DD4E0B



6E6365



AD001F



2E0008

Inverse Universe

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



DD0B31



FF002E



0B9ADD



6E6365



AD001F



2E0008

Previews

White Background



This preview shows how the Hex color DD0B31 looks on a white background.

Color Contrast Check

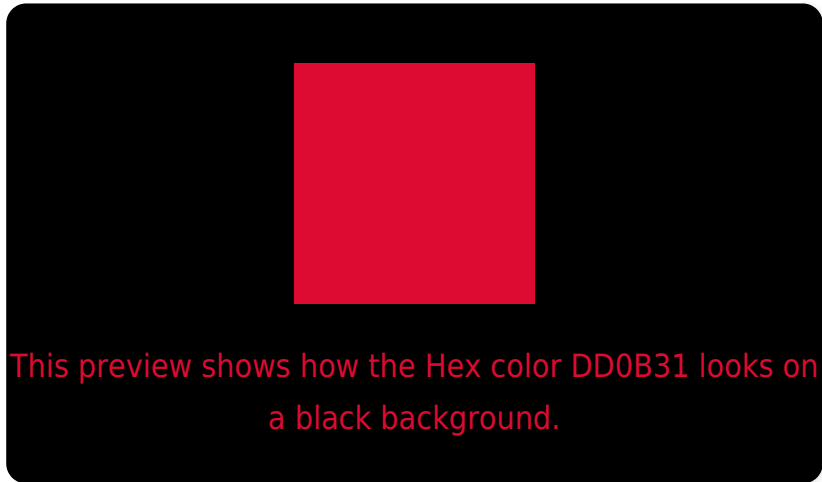
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD0B31 Background



This preview shows how black text looks on a background with the Hex color DD0B31.



This preview shows how white text looks on a background with the Hex color DD0B31.

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
DD0B31

Protanopia
7A704B

Deuteranopia
8D6B23



Trichromacy



Original Color
DD0B31



Protanomaly
9E4B42



Deuteranomaly
AA4828



Tritanomaly
DC121B

Monochromacy



Original Color
DD0B31



Achromatopsia
4E4E4E



Achromatomaly
823643

CSS Examples

Text

The CSS property to change the color of the text to Hex DD0B31 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 #DD0B31 looks like.

```
.text, #text, p{  
    color:#DD0B31  
}
```

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 #DD0B31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD0B31
}
```

Border

The CSS property to change the border of an element to Hex DD0B31 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
#DD0B31 }
```

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

```
.border{ border-color:#DD0B31 }
```

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

Here you see how a box with a 4 pixel #DD0B31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD0B31; -webkit-box-shadow:4px 4px  
4px 4px #DD0B31; box-shadow:4px 4px 4px  
4px #DD0B31 }
```

Background

The CSS property to change the background color of an element to Hex DD0B31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD0B31 }
```

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

```
.background{ background-color:#DD0B31 }
```

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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