

Converting Colors

Hex(D30035)

Have a look what the booklet for
Hex(D30035) contains.

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Color

Hex(D30035)

Conversions

Conversions Part 1

Format	Color
Hex	D30035
RGB	211, 0, 53
RGB Percent	83%, 0%, 21%
CMY	0.1725, 1.0000, 0.7922
CMYK	0.00, 1.00, 0.75, 0.17
HSL	345°, 100%, 41%
HSV	345°, 100%, 83%
XYZ	27.5066, 14.1059, 4.6411
YIQ	69.1310, 108.7430, 61.2150

Conversions

Conversions Part 2

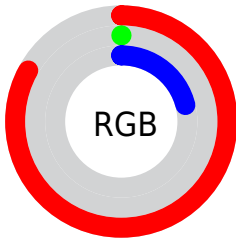
Format	Color
RYB	211, 0, 53
Decimal	13828149
CIELab	44.38, 70.45, 34.25
CIElCh	44, 78.332, 25.926
Yxy	14.1059, 0.5947, 0.3050
Android (android.graphics.Color)	4292018229 (0xFFD30035)
YUV	69.1310, -7.9526, 124.4191
Hunter-Lab	37.5579, 65.0033, 18.9639

Details

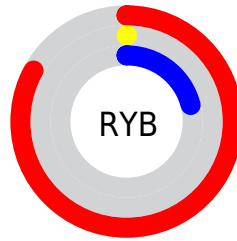
The Hex color **D30035** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00D39E**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **FF5864**, and **93000B** is the 20% darker color. If you saturate the color by 10%, you get **D30035**, and if you desaturate by 10%, it is **D31545**.

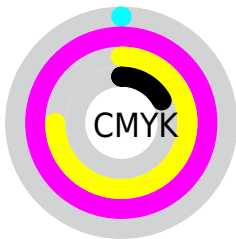
Distribution



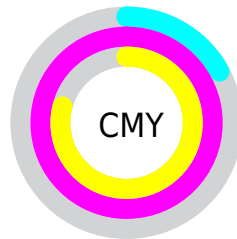
- Red (83%)
- Green (0%)
- Blue (21%)



- Red (83%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color D30035 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 D30035 by changing the saturation by 10% instead.

 D30035

 D30035

FFFFFF

 B30020

 FF5864

 93000B

 FF767D

 740000

 FF9396

 550002

 FFB1B1

 370002

 FFCECD

 080000

 FFECE9

 000000

 D30035

 D31545

 D32A55

 D33F64

 D35474

 D36A84

 D37F94

 D394A4

 D3A9B3

 D3BEC3

Harmonies

Analogous

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



D30075



D30035



B74400

Triad

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



D30035



007F11



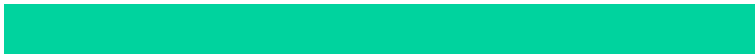
0075ED

Complementary

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



D30035



00D39E

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.



0080D6



D30035



00835E

Square

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



D30035



487600



0084A1



405CE0

Rectangle

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



D30035



995B00



0084A1



007AE9

Sweetspot

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



D30035



FFB3C6



9B00D3



80525D



000000



808080

Same Dimension

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



D30035



FF0040



D33100



695E61



A8002A



29000A

Inverse Universe

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



D30035



FF0040



00A2D3



695E61



A8002A



29000A

Previews

White Background



This preview shows how the Hex color D30035 looks on a white background.

Color Contrast Check

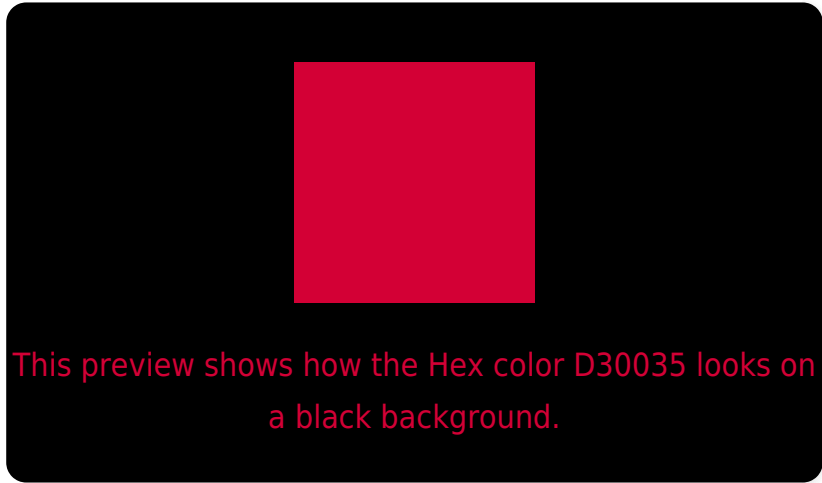
Large Text (above 18pt) WCAG AA ✓ Pass

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 D30035 Background



This preview shows how black text looks on a background with the Hex color D30035.



This preview shows how white text looks on a background with the Hex color D30035.

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
D30035

Protanopia
736B50

Deuteranopia
866629



Tritanopia
D2160E

Trichromacy



Original Color
D30035



Protanomaly
964446



Deuteranomaly
A2412D



Tritanomaly
D20E1C

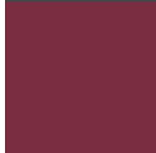
Monochromacy



Original Color
D30035



Achromatopsia
454545



Achromatomaly
792C3F

CSS Examples

Text

The CSS property to change the color of the text to Hex D30035 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 #D30035 looks like.

```
.text, #text, p{  
    color:#D30035  
}
```

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 #D30035 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D30035
}
```

Border

The CSS property to change the border of an element to Hex D30035 is called "border". The border property can be set on classes, ids or directly on the HTML element.

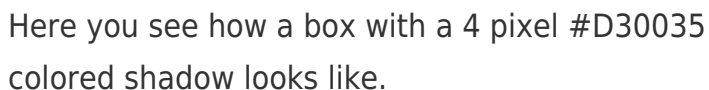
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D30035 }
```

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

```
.border{ border-color:#D30035 }
```

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



Here you see how a box with a 4 pixel `#D30035` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D30035; -webkit-box-shadow:4px 4px  
4px 4px #D30035; box-shadow:4px 4px 4px  
4px #D30035 }
```

Background

The CSS property to change the background color of an element to Hex D30035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D30035 }
```

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

```
.background{ background-color:#D30035 }
```

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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