

Converting Colors

Hex(DD0C21)

Have a look what the booklet for
Hex(DD0C21) contains.

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Color

Hex(DD0C21)

Conversions

Conversions Part 1

Format	Color
Hex	DD0C21
RGB	221, 12, 33
RGB Percent	87%, 5%, 13%
CMY	0.1333, 0.9529, 0.8706
CMYK	0.00, 0.95, 0.85, 0.13
HSL	354°, 90%, 46%
HSV	354°, 95%, 87%
XYZ	30.2248, 15.7449, 2.8849
YIQ	76.8850, 117.8230, 50.8390

Conversions

Conversions Part 2

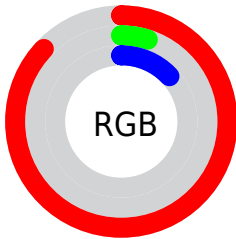
Format	Color
RYB	221, 12, 33
Decimal	14486561
CIELab	46.64, 71.29, 48.37
CIELCh	47, 86.151, 34.159
Yxy	15.7449, 0.6187, 0.3223
Android (android.graphics.Color)	4292676641 (0xFFDD0C21)
YUV	76.8850, -21.6353, 126.3889
Hunter-Lab	39.6798, 66.5266, 23.4653

Details

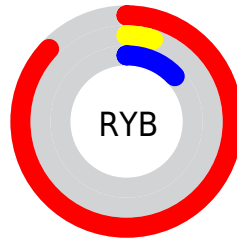
The Hex color **DD0C21** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **0CDDC8**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **FF5C50**, and **9C0000** is the 20% darker color. If you saturate the color by 10%, you get **DD0016**, and if you desaturate by 10%, it is **DD2235**.

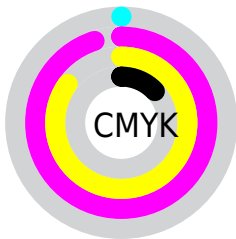
Distribution



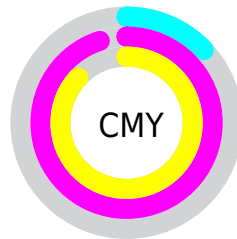
- Red (87%)
- Green (5%)
- Blue (13%)



- Red (87%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (95%)
- Yellow (85%)
- Black (13%)



- Cyan (13%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD0C21 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 DD0C21 by changing the saturation by 10% instead.

 DD0C21

 DD0C21

FFFFFF

 BC000A

 FF5C50

 9C0000

 FF7A68

 7C0000

 FF9882

 5C0002

 FFB59C

 3F0003

 FFD3B7

 1B0001

 FFF1D3

 000000

 FFFFEF

 DD0C21

 DD0C21

 DD0016

 DD2235

 DD3849

 DD4E5D

 DD6471

 DD7B84

 DD9198

 DDA7AC

 DDBDC0

 DDD3D4

Harmonies

Analogous

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



E70068



DD0C21



B75000

Triad

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



DD0C21



008828



0076FF

Complementary

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



DD0C21



0CDDC8

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.



0086F2



DD0C21



008B77

Square

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



DD0C21



2A8000



008BBF



7055E8

Rectangle

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



DD0C21



936700



008BBF



007DFF

Sweetspot

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



DD0C21



FFB8BF



C50CDD



805459



000000



808080

Same Dimension

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



DD0C21



FF001A



DD5C0C



6E6364



AD0011



2E0005

Inverse Universe

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



DD0C21



FF001A



0C8DDD



6E6364



AD0011



2E0005

Previews

White Background



This preview shows how the Hex color DD0C21 looks on a white background.

Color Contrast Check

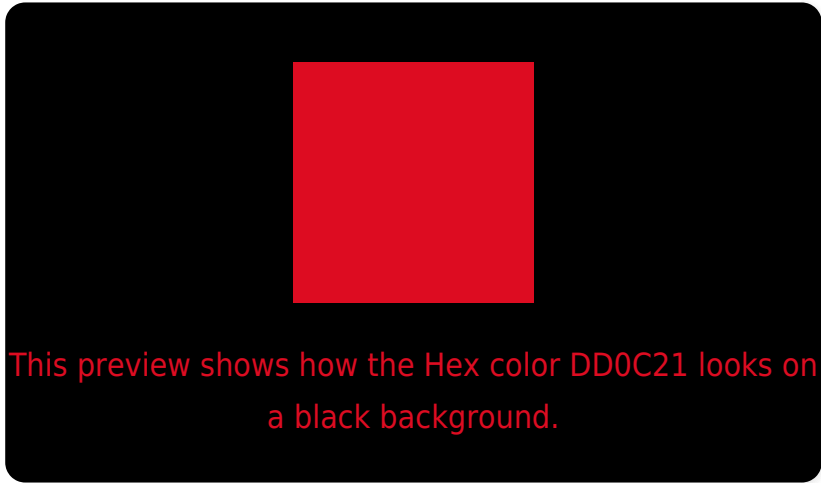
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD0C21 Background



This preview shows how black text looks on a background with the Hex color DD0C21.



This preview shows how white text looks on a background with the Hex color DD0C21.

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
DD0C21

Protanopia
7C7036

Deuteranopia
8E6A00

Trichromacy



Original Color
DD0C21

Protanomaly
9F4C2E

Deuteranomaly
AB480C

Tritanomaly
DC110C

Monochromacy



Original Color
DD0C21

Achromatopsia
4D4D4D

Achromatomaly
81353D

CSS Examples

Text

The CSS property to change the color of the text to Hex DD0C21 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 #DD0C21 looks like.

```
.text, #text, p{  
    color:#DD0C21  
}
```

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 #DD0C21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD0C21
}
```

Border

The CSS property to change the border of an element to Hex DD0C21 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".

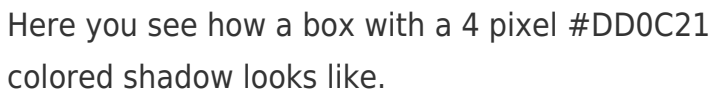
```
.border, #border, table{ border:4px solid
#DD0C21 }
```

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

```
.border{ border-color:#DD0C21 }
```

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

Here you see how a box with a 4 pixel #DD0C21 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD0C21; -webkit-box-shadow:4px 4px  
4px 4px #DD0C21; box-shadow:4px 4px 4px  
4px #DD0C21 }
```

Background

The CSS property to change the background color of an element to Hex DD0C21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD0C21 }
```

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

```
.background{ background-color:#DD0C21 }
```

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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