

# Converting Colors

Hex(D20048)

Have a look what the booklet for  
Hex(D20048) contains.

<b>Hex(D20048)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(D20048)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D20048
RGB	210, 0, 72
RGB Percent	82%, 0%, 28%
CMY	0.1765, 1.0000, 0.7176
CMYK	0.00, 1.00, 0.66, 0.18
HSL	339°, 100%, 41%
HSV	339°, 100%, 82%
XYZ	27.7480, 14.1695, 7.4034
YIQ	70.9980, 102.0480, 66.9120

# Conversions

## Conversions Part 2

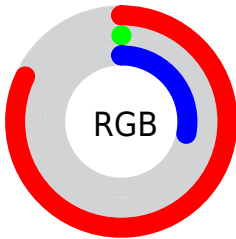
<b>Format</b>	<b>Color</b>
<b>RYB</b>	210, 0, 72
Decimal	13762632
CIELab	44.48, 71.02, 22.64
CIELCh	44, 74.543, 17.678
Yxy	14.1695, 0.5626, 0.2873
Android (android.graphics.Color)	4291952712 (0xFFD20048)
YUV	70.9980, 0.4940, 121.9048
Hunter-Lab	37.6424, 65.7067, 14.6887

# Details

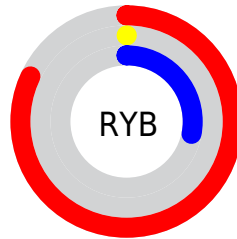
The Hex color **D20048** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **00D28A**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **FF5878**, and **93001E** is the 20% darker color. If you saturate the color by 10%, you get **D20048**, and if you desaturate by 10%, it is **D21556**.

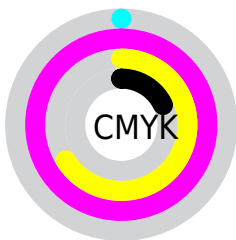
# Distribution



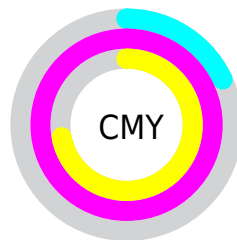
- Red (82%)
- Green (0%)
- Blue (28%)



- Red (82%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D20048 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 D20048 by changing the saturation by 10% instead.



 D20048

 D20048

FFFFFF

 B20032

 FF5878

 93001E

 FF7692

 740005

 FF94AC

 560002

 FFB1C7

 370002

 FFCFE3

 0B0000

 FFEDFF

 000000

 D20048

 D21556

 D22A64

 D23F71

 D2547F

 D2698D

 D27E9B

 D293A9

 D2A8B6

 D2BDC4

# Harmonies

## Analogous

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



C80886



D20048



BE3C03

# Triad

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



D20048



007C00



0078E4

# Complementary

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



D20048



00D28A

# 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.



0081C5



D20048



00814C

# Square

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



D20048



5E7100



00838D



0064E1

# Rectangle

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



D20048



A55400



00838D



007CDD



# Sweetspot

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



D20048



FFB3CD



8900D2



805261



000000



808080



# Same Dimension

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



D20048



FF0057



D22000



695E62



A8003A



29000E



# Inverse Universe

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



D20048



FF0057



00B2D2



695E62



A8003A



29000E



# Previews

## White Background



This preview shows how the Hex color D20048 looks on a white background.

## Color Contrast Check

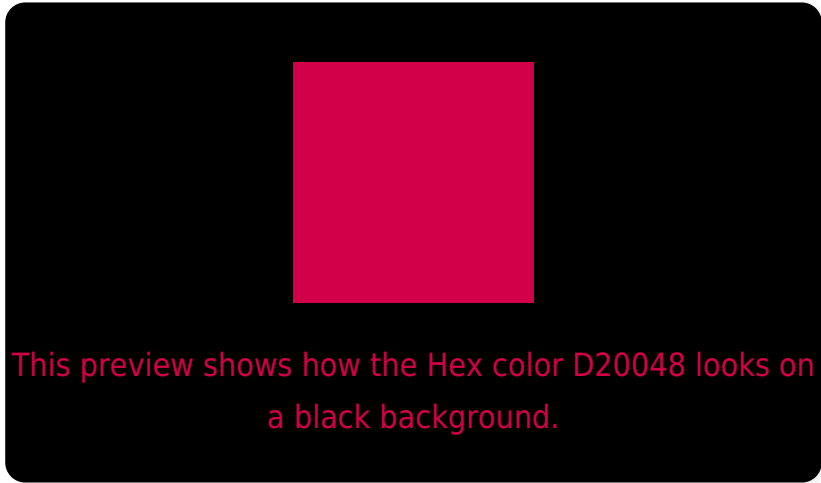
Large Text (above 18pt) WCAG AA ✓ Pass

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 D20048 Background



This preview shows how black text looks on a background with the Hex color D20048.

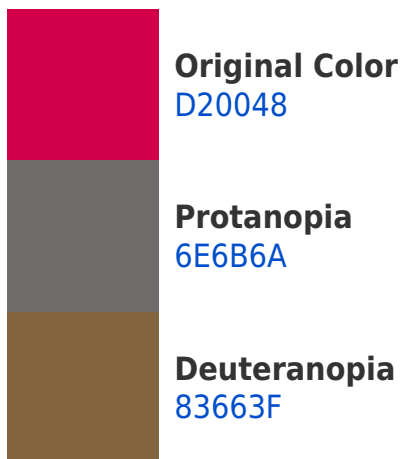


This preview shows how white text looks on a background with the Hex color D20048.

# 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**  
D20048



**Protanomaly**  
92445E



**Deuteranomaly**  
A04142



**Tritanomaly**  
D1122B

# Monochromacy



**Original Color**  
D20048



**Achromatopsia**  
474747



**Achromatomaly**  
7A2D47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D20048 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 #D20048 looks like.

```
.text, #text, p{  
    color:#D20048  
}
```

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 #D20048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D20048  
}
```

## Border

The CSS property to change the border of an element to Hex D20048 is called "border". The border property can be set on classes, ids or directly on the HTML element.

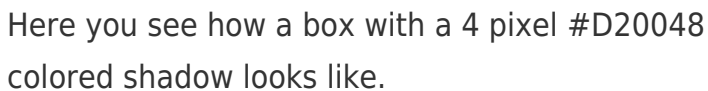
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#D20048 }
```

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

```
.border{ border-color:#D20048 }
```

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



Here you see how a box with a 4 pixel #D20048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D20048; -webkit-box-shadow:4px 4px  
4px 4px #D20048; box-shadow:4px 4px 4px  
4px #D20048 }
```

# Background

The CSS property to change the background color of an element to Hex D20048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D20048 }
```

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

```
.background{ background-color:#D20048 }
```

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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