

# Converting Colors

Hex(D20059)

Have a look what the booklet for  
Hex(D20059) contains.

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**Color**

**Hex(D20059)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D20059
RGB	210, 0, 89
RGB Percent	82%, 0%, 35%
CMY	0.1765, 1.0000, 0.6510
CMYK	0.00, 1.00, 0.58, 0.18
HSL	335°, 100%, 41%
HSV	335°, 100%, 82%
XYZ	28.3815, 14.4229, 10.7392
YIQ	72.9360, 96.5910, 72.1990

# Conversions

## Conversions Part 2

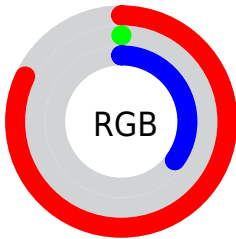
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	210, 0, 89
Decimal	13762649
CIE <sub>Lab</sub>	44.83, 71.98, 12.48
CIE <sub>LCh</sub>	45, 73.058, 9.835
Yxy	14.4229, 0.5301, 0.2694
Android (android.graphics.Color)	4291952729 (0xFFD20059)
YUV	72.9360, 7.9196, 120.2051
Hunter-Lab	37.9775, 66.9368, 9.8183

# Details

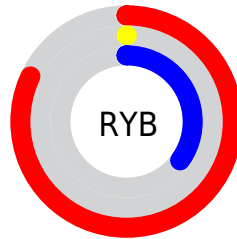
The Hex color **D20059** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed red. A complement of this color would be **00D279**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **FF598B**, and **94002C** is the 20% darker color. If you saturate the color by 10%, you get **D20059**, and if you desaturate by 10%, it is **D21565**.

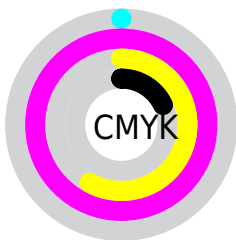
# Distribution



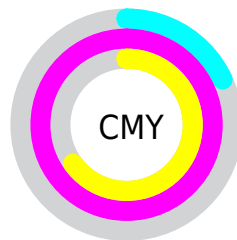
- Red (82%)
- Green (0%)
- Blue (35%)



- Red (82%)
- Yellow (0%)
- Blue (35%)



- Cyan (0%)
- Magenta (100%)
- Yellow (58%)
- Black (18%)



- Cyan (18%)
- Magenta (100%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D20059 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 D20059 by changing the saturation by 10% instead.



 D20059

 D20059

FFFFFF

 B30042

 FF598B

 94002C

 FF77A5

 750019

 FF94C0

 570002

 FFB2DC

 390002

 FFD0F8

 100000

 FFEEFF

 000000

 D20059

 D21565

 D22A71

 D23F7D

 D25489

 D26996

 D27EA2

 D293AE

 D2A8BA

 D2BDC6

# Harmonies

## Analogous

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



BF2295



D20059



C5341D

# Triad

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



D20059



237B00



007CDE

# Complementary

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



D20059



00D279

# 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.



0083B7



D20059



00813D

# Square

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



D20059



6F6E00



00847D



006CE4

# Rectangle

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



D20059



B04D00



00847D



007FD4



# Sweetspot

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



D20059



FFB3D3



7700D2



805265



000000



808080



# Same Dimension

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



D20059



FF006C



D20E00



695E63



A80047



290011



# Inverse Universe

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



D20059



FF006C



00C4D2



695E63



A80047



290011



# Previews

## White Background



This preview shows how the Hex color D20059 looks on a white background.

## Color Contrast Check

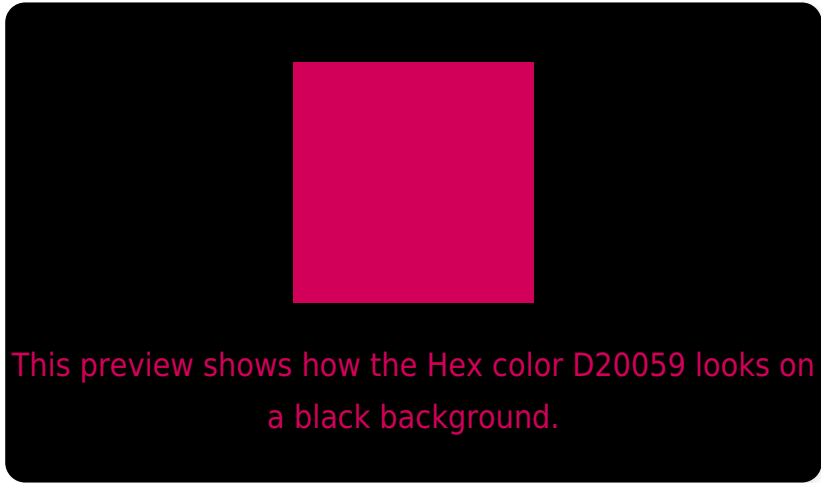
Large Text (above 18pt) WCAG AA ✓ Pass

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 D20059 Background



This preview shows how black text looks on a background with the Hex color D20059.

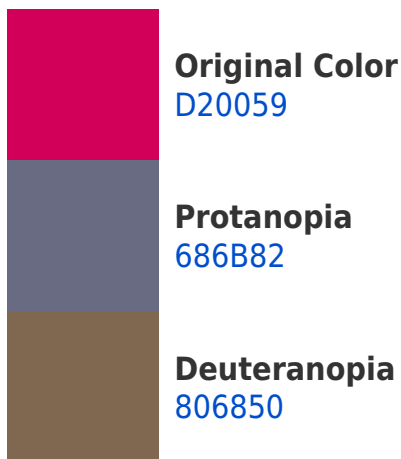


This preview shows how white text looks on a background with the Hex color D20059.

# 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**  
D20059



**Protanomaly**  
8F4473



**Deuteranomaly**  
9E4253



**Tritanomaly**  
D11736

# Monochromacy



**Original Color**  
D20059



**Achromatopsia**  
494949



**Achromatomaly**  
7B2E4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D20059 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 #D20059 looks like.

```
.text, #text, p{  
  color:#D20059  
}
```

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 #D20059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D20059
}
```

## Border

The CSS property to change the border of an element to Hex D20059 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
#D20059 }
```

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

```
.border{ border-color:#D20059 }
```

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

Here you see how a box with a 4 pixel #D20059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D20059; -webkit-box-shadow:4px 4px  
4px 4px #D20059; box-shadow:4px 4px 4px  
4px #D20059 }
```

# Background

The CSS property to change the background color of an element to Hex D20059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D20059 }
```

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

```
.background{ background-color:#D20059 }
```

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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