

# Converting Colors

Hex(D63377)

Have a look what the booklet for  
Hex(D63377) contains.

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**Color**

**Hex(D63377)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D63377
RGB	214, 51, 119
RGB Percent	84%, 20%, 47%
CMY	0.1608, 0.8000, 0.5333
CMYK	0.00, 0.76, 0.44, 0.16
HSL	335°, 67%, 52%
HSV	335°, 76%, 84%
XYZ	32.2452, 17.9957, 19.2268
YIQ	107.4890, 75.3200, 55.7040

# Conversions

## Conversions Part 2

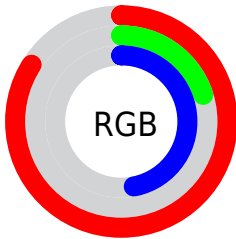
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 51, 119
Decimal	14037879
CIE <sub>Lab</sub>	49.49, 66.43, 0.71
CIE <sub>LCh</sub>	49, 66.437, 0.613
Yxy	17.9957, 0.4642, 0.2591
Android (android.graphics.Color)	4292227959 (0xFFD63377)
YUV	107.4890, 5.6749, 93.4101
Hunter-Lab	42.4213, 61.4434, 2.8227

# Details

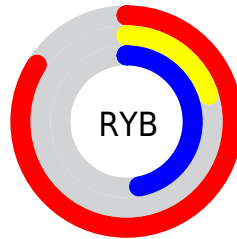
The Hex color **D63377** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **33D692**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **FF70AB**, and **9A0047** is the 20% darker color. If you saturate the color by 10%, you get **D61E6B**, and if you desaturate by 10%, it is **D64883**.

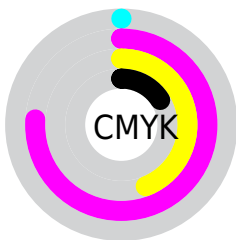
# Distribution



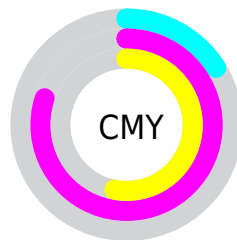
- Red (84%)
- Green (20%)
- Blue (47%)



- Red (84%)
- Yellow (20%)
- Blue (47%)



- Cyan (0%)
- Magenta (76%)
- Yellow (44%)
- Black (16%)



- Cyan (16%)
- Magenta (80%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D63377 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 D63377 by changing the saturation by 10% instead.



 D63377

 D63377

FFFFFF

 B8005E

 FF70AB

 9A0047

 FF8DC6

 7C0031

 FFAAE2

 5F001C

 FFC7FF

 440003

 FFE5FF

 230001

 000000

 D63377

 D63377

 D61E6B

 D64883

 D6085E

 D65E90

 D60059

 D6739C

 D689A9

 D69EB5

 D6B3C2

 D6C9CE

 D6DEDB

 D6F4E7

# Harmonies

## Analogous

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



B948AE



D63377



D34140

# Triad

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



D63377



548300



0089D8

# Complementary

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



D63377



33D692

# 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.



008EAE



D63377



008B3A

# Square

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



D63377



8D7400



008E75



007CE7

# Rectangle

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



D63377



C4531C



008E75



008CCC



# Sweetspot

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



D63377



FFC4DD



8F33D6



805C6B



000000



808080



# Same Dimension

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



D63377



FF1778



D63E33



6B6065



AB0047



2B0012



# Inverse Universe

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



D63377



FF1778



33CBD6



6B6065



AB0047



2B0012



# Previews

## White Background



This preview shows how the Hex color D63377 looks on a white background.

## Color Contrast Check

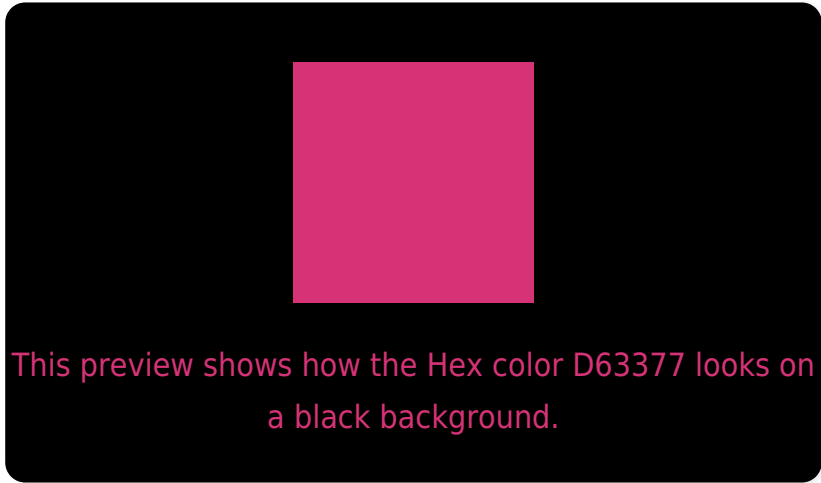
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D63377 Background



This preview shows how black text looks on a background with the Hex color D63377.




This preview shows how white text looks on a background with the Hex color D63377.

# 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





**Tritanopia**  
D34144

# Trichromacy



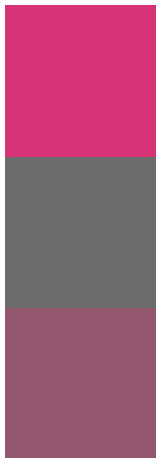
**Original Color**  
D63377

**Protanomaly**  
925D90

**Deuteranomaly**  
A25B72

**Tritanomaly**  
D43C57

# Monochromacy



**Original Color**  
D63377

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
92576F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D63377 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 #D63377 looks like.

```
.text, #text, p{  
    color:#D63377  
}
```

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 #D63377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D63377  
}
```

## Border

The CSS property to change the border of an element to Hex D63377 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  
#D63377 }
```

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

```
.border{ border-color:#D63377 }
```

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

Here you see how a box with a 4 pixel #D63377 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D63377; -webkit-box-shadow:4px 4px  
4px 4px #D63377; box-shadow:4px 4px 4px  
4px #D63377 }
```

# Background

The CSS property to change the background color of an element to Hex D63377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D63377 }
```

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

```
.background{ background-color:#D63377 }
```

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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