

# Converting Colors

Hex(D64066)

Have a look what the booklet for  
Hex(D64066) contains.

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# Color

**Hex(D64066)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D64066
RGB	214, 64, 102
RGB Percent	84%, 25%, 40%
CMY	0.1608, 0.7490, 0.6000
CMYK	0.00, 0.70, 0.52, 0.16
HSL	345°, 65%, 55%
HSV	345°, 70%, 84%
XYZ	31.9632, 18.9222, 14.5381
YIQ	113.1820, 77.2020, 43.6180

# Conversions

## Conversions Part 2

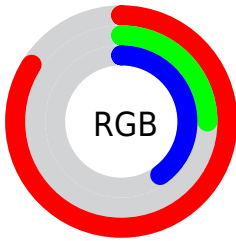
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 64, 102
Decimal	14041190
CIE <sub>Lab</sub>	50.60, 60.65, 12.60
CIE <sub>LCh</sub>	51, 61.945, 11.735
Yxy	18.9222, 0.4886, 0.2892
Android (android.graphics.Color)	4292231270 (0xFFD64066)
YUV	113.1820, -5.5127, 88.4174
Hunter-Lab	43.4997, 55.0359, 10.6344

# Details

The Hex color **D64066** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **40D6B0**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **FF7A99**, and **990038** is the 20% darker color. If you saturate the color by 10%, you get **D62B56**, and if you desaturate by 10%, it is **D65576**.

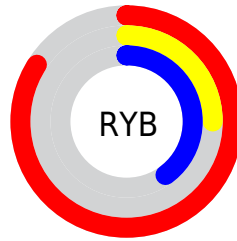
# Distribution



Red (84%)

Green (25%)

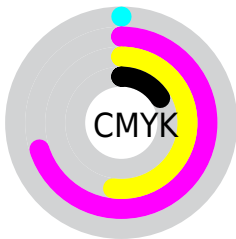
Blue (40%)



Red (84%)

Yellow (25%)

Blue (40%)

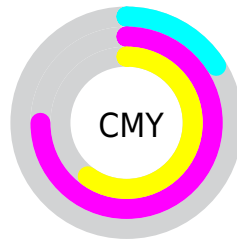


Cyan (0%)

Magenta (70%)

Yellow (52%)

Black (16%)



Cyan (16%)

Magenta (75%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D64066 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 D64066 by changing the saturation by 10% instead.



 D64066

 D64066

FFFFFF

 B71E4E

 FF7A99

 990038

 FF96B3

 7B0023

 FFB2CF

 5E000D

 FFCFEB

 430003

 FFEDFF

 220001

 000000

 D64066

 D64066

 D62B56

 D65576

 D61546

 D66B86

 D60036

 D68096

 D696A6

 D6ABB6

 D6C0C6

 D6D6D6

 D6EBE6

 D6FFF6

# Harmonies

## Analogous

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



C6479B



D64066



CB5234

# Triad

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



D64066



418820



0087DD

# Complementary

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



D64066



40D6B0

# 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.



008FBE



D64066



008E55

# Square

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



D64066



7E7D00



00918C



1178E1

# Rectangle

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



D64066



B76213



00918C



008BD5



# Sweetspot

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



D64066



FFC9D7



AE40D6



806068



000000



808080



# Same Dimension

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



D64066



FF295F



D66340



6B6063



AB002B



2B000B



# Inverse Universe

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



D64066



FF295F



40B3D6



6B6063



AB002B



2B000B



# Previews

## White Background



This preview shows how the Hex color D64066 looks on a white background.

## Color Contrast Check

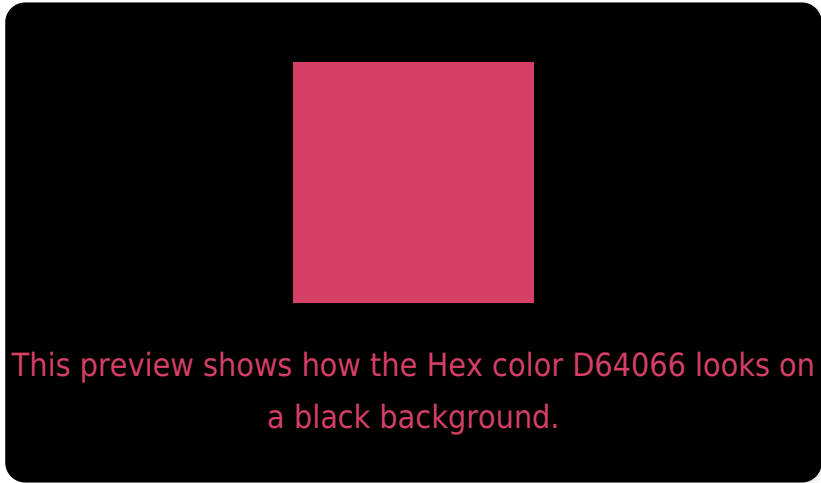
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 D64066 Background



This preview shows how black text looks on a background with the Hex color D64066.



This preview shows how white text looks on a background with the Hex color D64066.

# 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**  
D64066

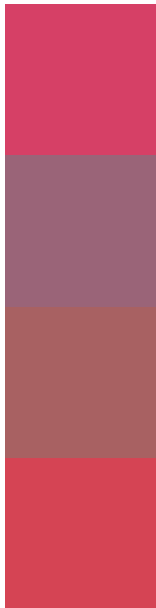
**Protanopia**  
787883

**Deuteranopia**  
8E745F



**Tritanopia**  
D4464A

# Trichromacy



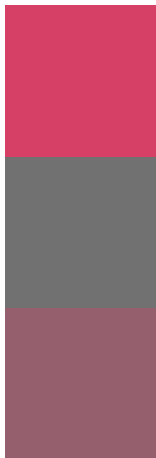
**Original Color**  
D64066

**Protanomaly**  
9A6478

**Deuteranomaly**  
A86162

**Tritanomaly**  
D54454

# Monochromacy



**Original Color**  
D64066

**Achromatopsia**  
717171

**Achromatomaly**  
965F6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D64066 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 #D64066 looks like.

```
.text, #text, p{  
    color:#D64066  
}
```

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 #D64066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D64066
}
```

## Border

The CSS property to change the border of an element to Hex D64066 is called "border". The border property can be set on classes, ids or directly on the HTML element.

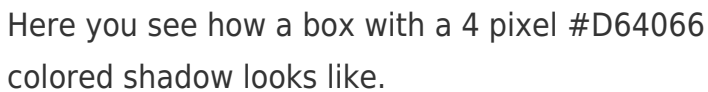
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D64066 }
```

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

```
.border{ border-color:#D64066 }
```

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



Here you see how a box with a 4 pixel #D64066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D64066; -webkit-box-shadow:4px 4px  
4px 4px #D64066; box-shadow:4px 4px 4px  
4px #D64066 }
```

# Background

The CSS property to change the background color of an element to Hex D64066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D64066 }
```

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

```
.background{ background-color:#D64066 }
```

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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