

# Converting Colors

Hex(D52D67)

Have a look what the booklet for  
Hex(D52D67) contains.

<b>Hex(D52D67)</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(D52D67)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D52D67
RGB	213, 45, 103
RGB Percent	84%, 18%, 40%
CMY	0.1647, 0.8235, 0.5961
CMYK	0.00, 0.79, 0.52, 0.16
HSL	339°, 67%, 51%
HSV	339°, 79%, 84%
XYZ	30.8271, 17.0022, 14.4889
YIQ	101.8440, 81.5100, 53.6540

# Conversions

## Conversions Part 2

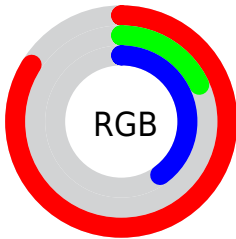
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 45, 103
Decimal	13970791
CIE <sub>Lab</sub>	48.26, 66.54, 8.69
CIE <sub>LCh</sub>	48, 67.103, 7.442
Yxy	17.0022, 0.4947, 0.2728
Android (android.graphics.Color)	4292160871 (0xFFD52D67)
YUV	101.8440, 0.5699, 97.4838
Hunter-Lab	41.2337, 61.2912, 8.0299

# Details

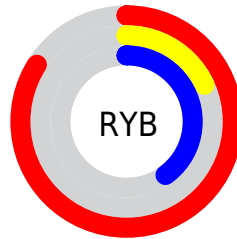
The Hex color **D52D67** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed rose. A complement of this color would be **2DD59B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF6C9A**, and **980039** is the 20% darker color. If you saturate the color by 10%, you get **D51859**, and if you desaturate by 10%, it is **D54275**.

# Distribution



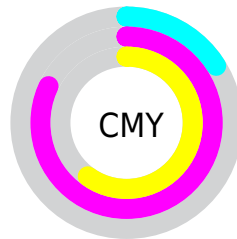
- Red (84%)
- Green (18%)
- Blue (40%)



- Red (84%)
- Yellow (18%)
- Blue (40%)



- Cyan (0%)
- Magenta (79%)
- Yellow (52%)
- Black (16%)



- Cyan (16%)
- Magenta (82%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D52D67 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 D52D67 by changing the saturation by 10% instead.



 D52D67

 D52D67

FFFFFF

 B6004F

 FF6C9A

 980039

 FF89B4

 7A0024

 FFA5D0

 5C000E

 FFC3EC

 400003

 FFE0FF

 1D0001

FFFEFF

 000000

 D52D67

 D52D67

 D51859

 D54275

 D5024B

 D55883

 D5004A

 D56D91

 D5829F

 D598AD

 D5ADBB

 D5C2C9

 D5D7D7

 D5EDE5

# Harmonies

## Analogous

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



C03D9F



D52D67



CC4330

# Triad

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



D52D67



3F8200



0084DC

# Complementary

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



D52D67



2DD59B

# 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.



008AB7



D52D67



008944

# Square

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



D52D67



7E7500



008B80



0075E4

# Rectangle

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



D52D67



B95604



008B80



0087D2



# Sweetspot

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



D52D67



FFC2D7



9A2DD5



805B67



000000



808080



# Same Dimension

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



D52D67



FF0D60



D5462D



6B6064



AB003B



2B000F



# Inverse Universe

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



D52D67



FF0D60



2DBCD5



6B6064



AB003B



2B000F



# Previews

## White Background



This preview shows how the Hex color D52D67 looks on a white background.

## Color Contrast Check

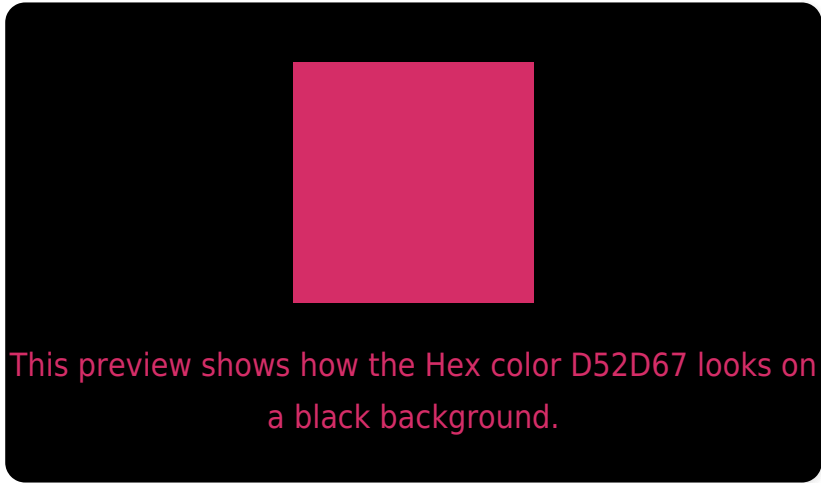
Large Text (above 18pt) WCAG AA ✓ Pass

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 D52D67 Background



This preview shows how black text looks on a background with the Hex color D52D67.



This preview shows how white text looks on a background with the Hex color D52D67.

# 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**  
D3393B

# Trichromacy



**Original Color**  
D52D67

**Protanomaly**  
93597F

**Deuteranomaly**  
A35762

**Tritanomaly**  
D4354B

# Monochromacy



**Original Color**  
D52D67

**Achromatopsia**  
666666

**Achromatomaly**  
8E5166

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D52D67 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 #D52D67 looks like.

```
.text, #text, p{  
    color:#D52D67  
}
```

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 #D52D67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D52D67
}
```

## Border

The CSS property to change the border of an element to Hex D52D67 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
#D52D67 }
```

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

```
.border{ border-color:#D52D67 }
```

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

Here you see how a box with a 4 pixel #D52D67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D52D67; -webkit-box-shadow:4px 4px  
4px 4px #D52D67; box-shadow:4px 4px 4px  
4px #D52D67 }
```

# Background

The CSS property to change the background color of an element to Hex D52D67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D52D67 }
```

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

```
.background{ background-color:#D52D67 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor