

# Converting Colors

Hex(D53A62)

Have a look what the booklet for  
Hex(D53A62) contains.

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# Color

**Hex(D53A62)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D53A62
RGB	213, 58, 98
RGB Percent	84%, 23%, 38%
CMY	0.1647, 0.7725, 0.6157
CMYK	0.00, 0.73, 0.54, 0.16
HSL	345°, 65%, 53%
HSV	345°, 73%, 84%
XYZ	31.1582, 18.0541, 13.3978
YIQ	108.9050, 79.5400, 45.3000

# Conversions

## Conversions Part 2

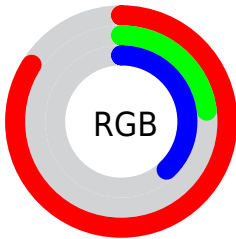
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 58, 98
Decimal	13974114
CIE <sub>Lab</sub>	49.56, 62.17, 13.56
CIE <sub>LCh</sub>	50, 63.627, 12.306
Yxy	18.0541, 0.4977, 0.2884
Android (android.graphics.Color)	4292164194 (0xFFD53A62)
YUV	108.9050, -5.3762, 91.2913
Hunter-Lab	42.4901, 56.5374, 11.0479

# Details

The Hex color **D53A62** 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 **3AD5AD**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF7594**, and **980034** is the 20% darker color. If you saturate the color by 10%, you get **D52552**, and if you desaturate by 10%, it is **D54F72**.

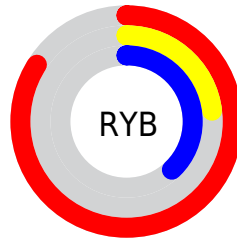
# Distribution



Red (84%)

Green (23%)

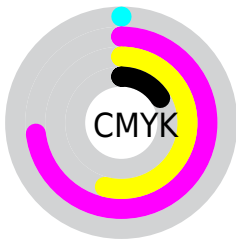
Blue (38%)



Red (84%)

Yellow (23%)

Blue (38%)

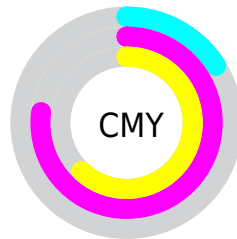


Cyan (0%)

Magenta (73%)

Yellow (54%)

Black (16%)



Cyan (16%)

Magenta (77%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D53A62 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 D53A62 by changing the saturation by 10% instead.



 D53A62

 D53A62

FFFFFF

 B6144A

 FF7594

 980034

 FF91AF

 7A001F

 FFAECA

 5D0007

 FFCBE6

 410003

 FFE8FF

 1F0001

 000000

 D53A62

 D53A62

 D52552

 D54F72

 D50F42

 D56582

 D50037

 D57A91

 D58FA1

 D5A4B1

 D5BAC1

 D5CFD1

 D5E4E0

 D5FAF0

# Harmonies

## Analogous

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



C54298



D53A62



C94E2F

# Triad

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



D53A62



3A861A



0085DD

# Complementary

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



D53A62



3AD5AD

# 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.



008CBE



D53A62



008C53

# Square

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



D53A62



7A7A00



008E8B



0075E0

# Rectangle

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



D53A62



B55F07



008E8B



0088D6



# Sweetspot

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



D53A62



FFC7D5



AC3AD5



805E67



000000



808080



# Same Dimension

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



D53A62



FF215A



D55E3A



6B6063



AB002C



2B000B



# Inverse Universe

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



D53A62



FF215A



3AB1D5



6B6063



AB002C

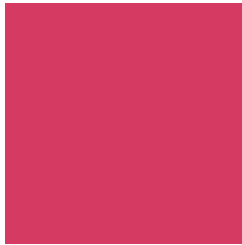


2B000B



# Previews

## White Background



This preview shows how the Hex color D53A62 looks on a white background.

## Color Contrast Check

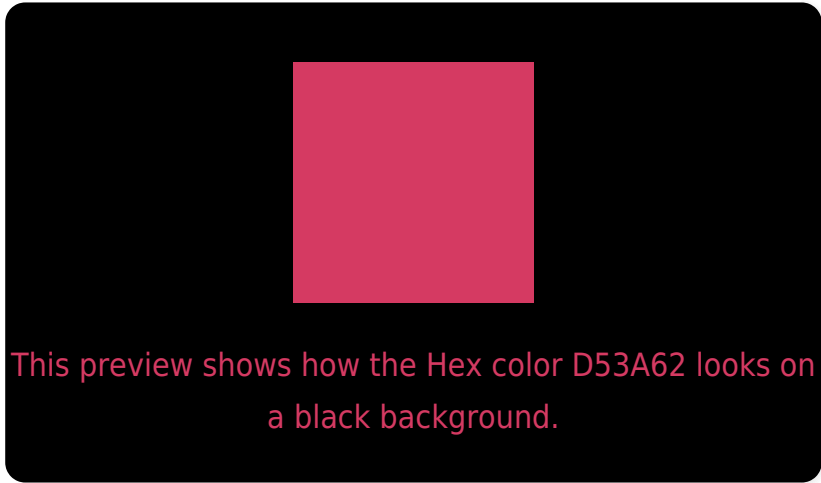
Large Text (above 18pt) WCAG AA ✓ Pass

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 D53A62 Background



This preview shows how black text looks on a background with the Hex color D53A62.



This preview shows how white text looks on a background with the Hex color D53A62.

# 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**  
D53A62

**Protanopia**  
767680

**Deuteranopia**  
8B725A



**Tritanopia**  
D34144

# Trichromacy



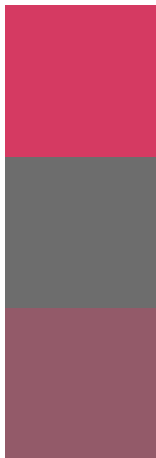
**Original Color**  
D53A62

**Protanomaly**  
996075

**Deuteranomaly**  
A65E5D

**Tritanomaly**  
D43E4F

# Monochromacy



**Original Color**  
D53A62

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
935A69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D53A62 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 #D53A62 looks like.

```
.text, #text, p{  
    color:#D53A62  
}
```

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 #D53A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D53A62
}
```

## Border

The CSS property to change the border of an element to Hex D53A62 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
#D53A62 }
```

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

```
.border{ border-color:#D53A62 }
```

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

Here you see how a box with a 4 pixel #D53A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D53A62; -webkit-box-shadow:4px 4px  
4px 4px #D53A62; box-shadow:4px 4px 4px  
4px #D53A62 }
```

# Background

The CSS property to change the background color of an element to Hex D53A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D53A62 }
```

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

```
.background{ background-color:#D53A62 }
```

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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