

# Converting Colors

Hex(DA1D75)

Have a look what the booklet for  
Hex(DA1D75) contains.

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**Color**

**Hex(DA1D75)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA1D75
RGB	218, 29, 117
RGB Percent	85%, 11%, 46%
CMY	0.1451, 0.8863, 0.5412
CMYK	0.00, 0.87, 0.46, 0.15
HSL	332°, 77%, 48%
HSV	332°, 87%, 85%
XYZ	32.5637, 17.0685, 18.4079
YIQ	95.5430, 84.3960, 67.4360

# Conversions

## Conversions Part 2

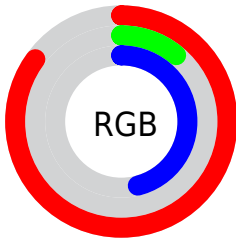
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 29, 117
Decimal	14294389
CIE <sub>Lab</sub>	48.35, 72.51, 0.35
CIE <sub>LCh</sub>	48, 72.512, 0.279
Yxy	17.0685, 0.4786, 0.2509
Android (android.graphics.Color)	4292484469 (0xFFDA1D75)
YUV	95.5430, 10.5783, 107.3948
Hunter-Lab	41.3141, 68.3939, 2.5026

# Details

The Hex color **DA1D75** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **1DDA82**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **FF64A9**, and **9D0045** is the 20% darker color. If you saturate the color by 10%, you get **DA0769**, and if you desaturate by 10%, it is **DA3381**.

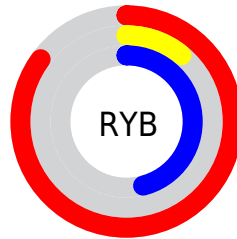
# Distribution



Red (85%)

Green (11%)

Blue (46%)



Red (85%)

Yellow (11%)

Blue (46%)

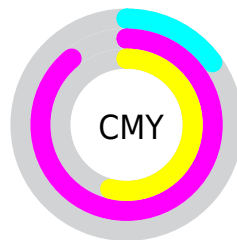


Cyan (0%)

Magenta (87%)

Yellow (46%)

Black (15%)



Cyan (15%)

Magenta (89%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA1D75 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 DA1D75 by changing the saturation by 10% instead.



 DA1D75

 DA1D75

FFFFFF

 BB005D

 FF64A9

 9D0045

 FF82C4

 7F002F

 FF9FE0

 61001B

 FFBDFC

 450003

 FFDBFF

 240001

 FFF9FF

 000000

 DA1D75

 DA1D75

 DA0769

 DA3381

■ DA0066

■ DA498C

■ DA5E98

■ DA74A4

■ DA8AAF

■ DAA0BB

■ DAB6C7

■ DACBD2

■ DAE1DE

# Harmonies

## Analogous

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



BA3EB1



DA1D75



D73339

# Triad

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



DA1D75



4D8100



0088DE

# Complementary

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



DA1D75



1DDA82

# 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.



008DAF



DA1D75



008930

# Square

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



DA1D75



8B7100



008D72



007BEF

# Rectangle

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



DA1D75



C64B0C



008D72



008AD1



# Sweetspot

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



DA1D75



FFBDDC



821DDA



80586A



000000



808080



# Same Dimension

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



DA1D75



FF0077



DA231D



6E6368



AD0051



2E0015



# Inverse Universe

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



DA1D75



FF0077



1DD4DA



6E6368



AD0051



2E0015



# Previews

## White Background



This preview shows how the Hex color DA1D75 looks on a white background.

## Color Contrast Check

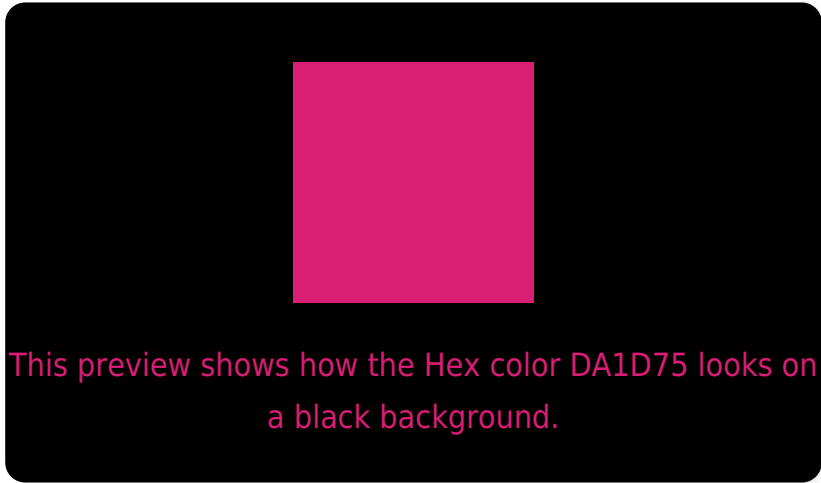
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA1D75 Background



This preview shows how black text looks on a background with the Hex color DA1D75.



This preview shows how white text looks on a background with the Hex color DA1D75.

# 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**  
DA1D75

**Protanopia**  
6472A4

**Deuteranopia**  
82706C



**Tritanopia**  
D73436

# Trichromacy



**Original Color**  
DA1D75



**Protanomaly**  
8F5393



**Deuteranomaly**  
A2526F

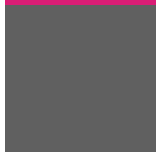


**Tritanomaly**  
D82C4D

# Monochromacy



**Original Color**  
DA1D75



**Achromatopsia**  
606060



**Achromatomaly**  
8C4868

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA1D75 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 #DA1D75 looks like.

```
.text, #text, p{  
    color:#DA1D75  
}
```

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 #DA1D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA1D75
}
```

## Border

The CSS property to change the border of an element to Hex DA1D75 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
#DA1D75 }
```

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

```
.border{ border-color:#DA1D75 }
```

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

Here you see how a box with a 4 pixel #DA1D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA1D75; -webkit-box-shadow:4px 4px  
4px 4px #DA1D75; box-shadow:4px 4px 4px  
4px #DA1D75 }
```

# Background

The CSS property to change the background color of an element to Hex DA1D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA1D75 }
```

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

```
.background{ background-color:#DA1D75 }
```

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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