

# Converting Colors

Hex(DA1272)

Have a look what the booklet for  
Hex(DA1272) contains.

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**Color**

**Hex(DA1272)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA1272
RGB	218, 18, 114
RGB Percent	85%, 7%, 45%
CMY	0.1451, 0.9294, 0.5529
CMYK	0.00, 0.92, 0.48, 0.15
HSL	331°, 85%, 46%
HSV	331°, 92%, 85%
XYZ	32.1670, 16.5529, 17.4192
YIQ	88.7440, 88.3840, 72.2560

# Conversions

## Conversions Part 2

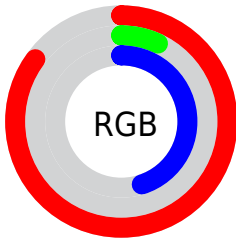
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 18, 114
Decimal	14291570
CIE <sub>Lab</sub>	47.69, 73.91, 1.24
CIE <sub>LCh</sub>	48, 73.917, 0.962
Yxy	16.5529, 0.4864, 0.2503
Android (android.graphics.Color)	4292481650 (0xFFDA1272)
YUV	88.7440, 12.4512, 113.3575
Hunter-Lab	40.6853, 69.9281, 3.0950

# Details

The Hex color **DA1272** 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 **12DA7A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF60A6**, and **9C0042** is the 20% darker color. If you saturate the color by 10%, you get **DA0069**, and if you desaturate by 10%, it is **DA287D**.

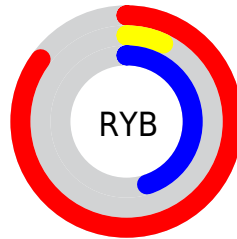
# Distribution



Red (85%)

Green (7%)

Blue (45%)



Red (85%)

Yellow (7%)

Blue (45%)

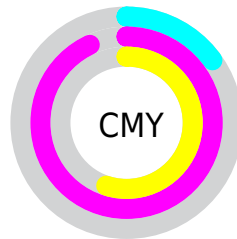


Cyan (0%)

Magenta (92%)

Yellow (48%)

Black (15%)



Cyan (15%)

Magenta (93%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA1272 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 DA1272 by changing the saturation by 10% instead.



 DA1272

 DA1272

FFFFFF

 BB005A

 FF60A6

 9C0042

 FF7EC1

 7E002D

 FF9CDC

 600019

 FFB9F9

 440003

 FFD7FF

 230001

 FFF5FF

 000000

 DA1272

 DA1272

 DA0069

 DA287D

 DA3E89

 DA5394

 DA699F

 DA7FAB

 DA95B6

 DAABC1

 DAC0CD

 DAD6D8

# Harmonies

## Analogous

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



BB39AF



DA1272



D62F35

# Triad

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



DA1272



487F00



0087DF

# Complementary

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



DA1272



12DA7A

# 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.



008BB0



DA1272



00882F

# Square

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



DA1272



886F00



008B71



0079EF

# Rectangle

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



DA1272



C44903



008B71



0089D2



# Sweetspot

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



DA1272



FFB8DA



7912DA



805469



000000



808080



# Same Dimension

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



DA1272



FF007A



DA1512



6E6368



AD0053



2E0016



# Inverse Universe

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



DA1272



FF007A



12D7DA



6E6368



AD0053



2E0016



# Previews

## White Background



This preview shows how the Hex color DA1272 looks on a white background.

## Color Contrast Check

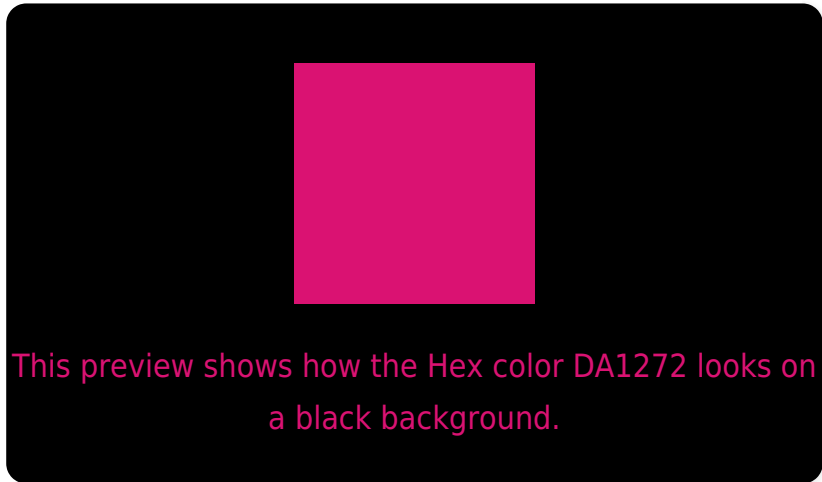
Large Text (above 18pt) WCAG AA ✓ Pass

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 DA1272 Background



This preview shows how black text looks on a background with the Hex color DA1272.

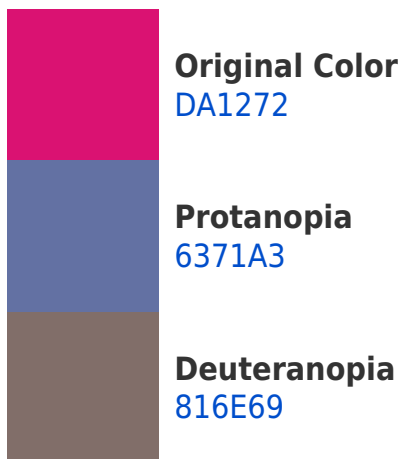


This preview shows how white text looks on a background with the Hex color DA1272.

# 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**  
D72F30

# Trichromacy



**Original Color**  
DA1272



**Protanomaly**  
8E4E91



**Deuteranomaly**  
A14D6C

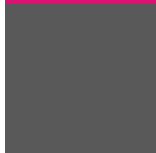


**Tritanomaly**  
D82448

# Monochromacy



**Original Color**  
DA1272



**Achromatopsia**  
595959



**Achromatomaly**  
883F62

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA1272 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 #DA1272 looks like.

```
.text, #text, p{  
    color:#DA1272  
}
```

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 #DA1272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA1272
}
```

## Border

The CSS property to change the border of an element to Hex DA1272 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
#DA1272 }
```

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

```
.border{ border-color:#DA1272 }
```

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

Here you see how a box with a 4 pixel #DA1272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA1272; -webkit-box-shadow:4px 4px  
4px 4px #DA1272; box-shadow:4px 4px 4px  
4px #DA1272 }
```

# Background

The CSS property to change the background color of an element to Hex DA1272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA1272 }
```

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

```
.background{ background-color:#DA1272 }
```

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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