

Converting Colors

Hex(DD226A)

Have a look what the booklet for
Hex(DD226A) contains.

Hex(DD226A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(DD226A)

Conversions

Conversions Part 1

Format	Color
Hex	DD226A
RGB	221, 34, 106
RGB Percent	87%, 13%, 42%
CMY	0.1333, 0.8667, 0.5843
CMYK	0.00, 0.85, 0.52, 0.13
HSL	337°, 73%, 50%
HSV	337°, 85%, 87%
XYZ	32.9923, 17.5568, 15.2856
YIQ	98.1210, 88.3400, 62.0360

Conversions

Conversions Part 2

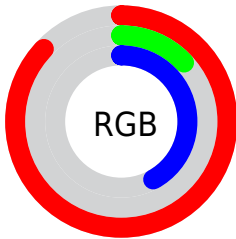
Format	Color
R_{YB}	221, 34, 106
Decimal	14492266
CIE _{Lab}	48.95, 71.42, 8.04
CIE _{LCh}	49, 71.872, 6.427
Yxy	17.5568, 0.5011, 0.2667
Android (android.graphics.Color)	4292682346 (0xFFDD226A)
YUV	98.1210, 3.8843, 107.7649
Hunter-Lab	41.9009, 67.2227, 7.7014

Details

The Hex color **DD226A** 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 **22DD95**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF679D**, and **9F003B** is the 20% darker color. If you saturate the color by 10%, you get **DD0C5C**, and if you desaturate by 10%, it is **DD3878**.

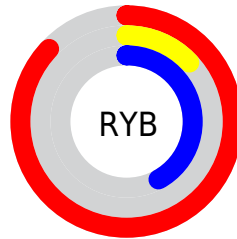
Distribution



Red (87%)

Green (13%)

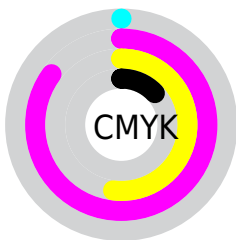
Blue (42%)



Red (87%)

Yellow (13%)

Blue (42%)

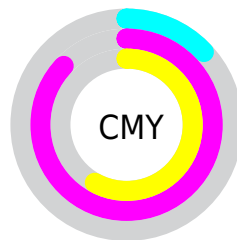


Cyan (0%)

Magenta (85%)

Yellow (52%)

Black (13%)



Cyan (13%)

Magenta (87%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color DD226A 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 DD226A by changing the saturation by 10% instead.

 DD226A

 DD226A

FFFFFF

 BE0052

 FF679D

 9F003B

 FF84B8

 810026

 FFA2D3

 620012

 FFBFF0

 460004

 FFDDFF

 250001

 FFFBFF

 000000

 DD226A

 DD226A

 DD0C5C

 DD3878

 DD0055

 DD4E85

 DD6493

 DD7AA0

 DD91AE

 DDA7BC

 DDBDC9

 DDD3D7

 DDE9E4

Harmonies

Analogous

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



C539A6



DD226A



D43D2F

Triad

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



DD226A



3E8400



0088E5

Complementary

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



DD226A



22DD95

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.



008EBC



DD226A



008C40

Square

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



DD226A



817600



008E80



0078EF

Rectangle

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



DD226A



C05400



008E80



008ADA

Sweetspot

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



DD226A



FFBFD8



9222DD



805968



000000



808080

Same Dimension

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



DD226A



FF0062



DD3522



6E6367



AD0043



2E0012

Inverse Universe

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



DD226A



FF0062



22CADD



6E6367



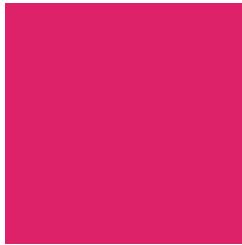
AD0043



2E0012

Previews

White Background



This preview shows how the Hex color DD226A looks on a white background.

Color Contrast Check

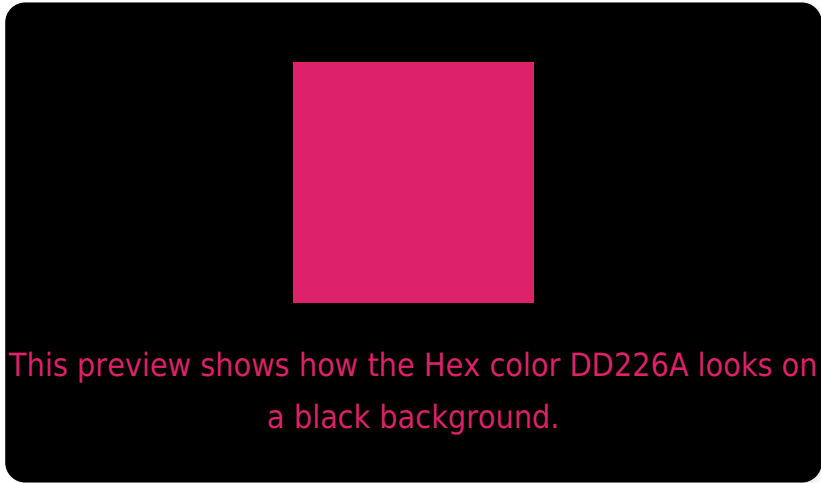
Large Text (above 18pt) WCAG AA ✓ Pass

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 DD226A Background



This preview shows how black text looks on a background with the Hex color DD226A.



This preview shows how white text looks on a background with the Hex color DD226A.

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
DD226A

Protanopia
6D7494

Deuteranopia
877161

Trichromacy



Original Color
DD226A



Protanomaly
965685



Deuteranomaly
A65464

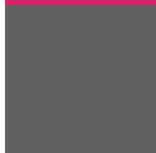


Tritanomaly
DB2D48

Monochromacy



Original Color
DD226A



Achromatopsia
626262



Achromatomaly
8F4B65

CSS Examples

Text

The CSS property to change the color of the text to Hex DD226A 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 #DD226A looks like.

```
.text, #text, p{  
    color:#DD226A  
}
```

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 #DD226A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DD226A
}
```

Border

The CSS property to change the border of an element to Hex DD226A 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
#DD226A }
```

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

```
.border{ border-color:#DD226A }
```

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

Here you see how a box with a 4 pixel #DD226A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DD226A; -webkit-box-shadow:4px 4px  
4px 4px #DD226A; box-shadow:4px 4px 4px  
4px #DD226A }
```

Background

The CSS property to change the background color of an element to Hex DD226A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DD226A }
```

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

```
.background{ background-color:#DD226A }
```

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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