

Converting Colors

Hex(DB24A4)

Have a look what the booklet for
Hex(DB24A4) contains.

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Color

Hex(DB24A4)

Conversions

Conversions Part 1

Format	Color
Hex	DB24A4
RGB	219, 36, 164
RGB Percent	86%, 14%, 64%
CMY	0.1412, 0.8588, 0.3569
CMYK	0.00, 0.84, 0.25, 0.14
HSL	318°, 72%, 50%
HSV	318°, 84%, 86%
XYZ	36.5451, 19.0022, 36.8636
YIQ	105.3090, 67.9800, 78.6040

Conversions

Conversions Part 2

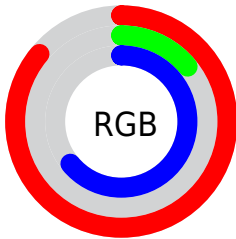
Format	Color
R_{YB}	219, 36, 164
Decimal	14361764
CIE _{Lab}	50.69, 76.12, -24.41
CIE _{LCh}	51, 79.943, 342.220
Yxy	19.0022, 0.3955, 0.2056
Android (android.graphics.Color)	4292551844 (0xFFDB24A4)
YUV	105.3090, 28.9347, 99.7070
Hunter-Lab	43.5915, 73.3614, -19.6252

Details

The Hex color **DB24A4** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **24DB5B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF69DB**, and **9F0070** is the 20% darker color. If you saturate the color by 10%, you get **DB0E9D**, and if you desaturate by 10%, it is **DB3AAB**.

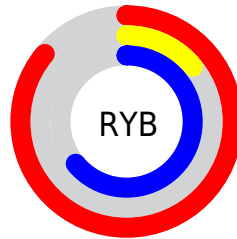
Distribution



Red (86%)

Green (14%)

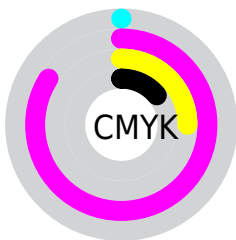
Blue (64%)



Red (86%)

Yellow (14%)

Blue (64%)

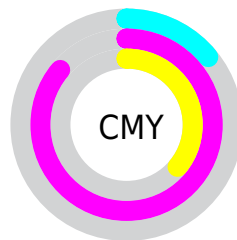


Cyan (0%)

Magenta (84%)

Yellow (25%)

Black (14%)



Cyan (14%)

Magenta (86%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color DB24A4 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 DB24A4 by changing the saturation by 10% instead.

 DB24A4

 DB24A4

FFFFFF

 BD008A

 FF69DB

 9F0070

 FF87F8

 820057

 FFA5FF

 650040

 FFC3FF

 4A002A

 FFE1FF

 2C0013

 000000

 DB24A4

 DB24A4

 DB0E9D

 DB3AAB

 DB0099

 DB50B1

 DB66B8

 DB7CBE

 DB92C5

 DBA7CB

 DBBDD2

 DBD3D9

 DBE9DF

Harmonies

Analogous

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



9B56DF



DB24A4



ED0660

Triad

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



DB24A4



797F00



0094D4

Complementary

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



DB24A4



24DB5B

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.



009594



DB24A4



1B8C00

Square

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



DB24A4



B36600



00934C



008CFC

Rectangle

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



DB24A4



E52F34



00934C



0095C0

Sweetspot

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



DB24A4



FFBFEC



5B24DB



805974



000000



808080

Same Dimension

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



DB24A4



FF00B2



DB2449



6E636A



AD0079



2E0020

Inverse Universe

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



DB24A4



FF00B2



24DBB6



6E636A



AD0079



2E0020

Previews

White Background



This preview shows how the Hex color DB24A4 looks on a white 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

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 DB24A4 Background



This preview shows how black text looks on a background with the Hex color DB24A4.

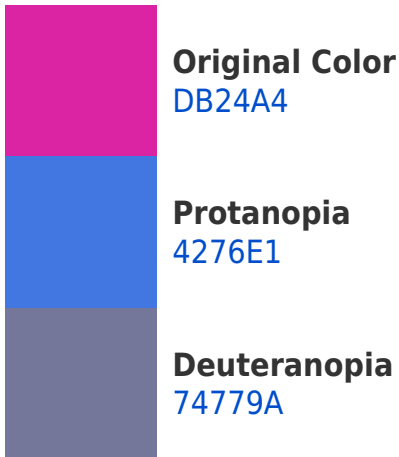


This preview shows how white text looks on a background with the Hex color DB24A4.

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
D4474B

Trichromacy



Original Color
DB24A4



Protanomaly
7A58CB



Deuteranomaly
99599E



Tritanomaly
D73A6B

Monochromacy



Original Color
DB24A4



Achromatopsia
696969



Achromatomaly
92507E

CSS Examples

Text

The CSS property to change the color of the text to Hex DB24A4 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 #DB24A4 looks like.

```
.text, #text, p{  
    color:#DB24A4  
}
```

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 #DB24A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB24A4
}
```

Border

The CSS property to change the border of an element to Hex DB24A4 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
#DB24A4 }
```

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

```
.border{ border-color:#DB24A4 }
```

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

Here you see how a box with a 4 pixel #DB24A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB24A4; -webkit-box-shadow:4px 4px  
4px 4px #DB24A4; box-shadow:4px 4px 4px  
4px #DB24A4 }
```

Background

The CSS property to change the background color of an element to Hex DB24A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB24A4 }
```

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

```
.background{ background-color:#DB24A4 }
```

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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