

# Converting Colors

Hex(DB2E90)

Have a look what the booklet for  
Hex(DB2E90) contains.

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# Color

**Hex(DB2E90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DB2E90
RGB	219, 46, 144
RGB Percent	86%, 18%, 56%
CMY	0.1412, 0.8196, 0.4353
CMYK	0.00, 0.79, 0.34, 0.14
HSL	326°, 71%, 52%
HSV	326°, 79%, 86%
XYZ	35.2245, 19.0277, 28.2017
YIQ	108.8990, 71.6500, 67.1540

# Conversions

## Conversions Part 2

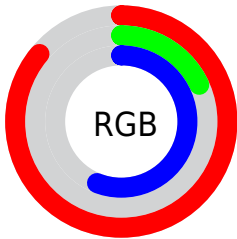
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 46, 144
Decimal	14364304
CIE <sub>Lab</sub>	50.72, 71.56, -12.45
CIE <sub>LCh</sub>	51, 72.638, 350.128
Yxy	19.0277, 0.4272, 0.2308
Android (android.graphics.Color)	4292554384 (0xFFDB2E90)
YUV	108.8990, 17.3048, 96.5586
Hunter-Lab	43.6207, 67.8054, -7.7977

# Details

The Hex color **DB2E90** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **2EDB79**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6EC6**, and **9F005E** is the 20% darker color. If you saturate the color by 10%, you get **DB1887**, and if you desaturate by 10%, it is **DB4499**.

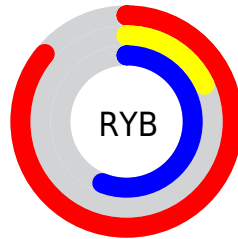
# Distribution



Red (86%)

Green (18%)

Blue (56%)



Red (86%)

Yellow (18%)

Blue (56%)

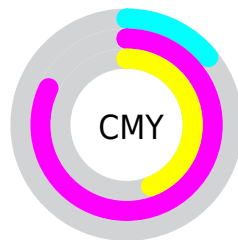


Cyan (0%)

Magenta (79%)

Yellow (34%)

Black (14%)



Cyan (14%)

Magenta (82%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB2E90 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 DB2E90 by changing the saturation by 10% instead.



 DB2E90

 DB2E90

FFFFFF

 BD0076

 FF6EC6

 9F005E

 FF8CE2

 810046

 FFA9FE

 640030

 FFC6FF

 49001B

 FFE4FF

 2C0001

 000000

 DB2E90

 DB2E90

 DB1887

 DB4499

 DB027D

 DB5AA3

 DB007C

 DB70AC

 DB86B6

 DB9CBF

 DBB1C9

 DBC7D2

 DBDDDC

 DBF3E5

# Harmonies

## Analogous

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



AD51C9



DB2E90



E33052

# Triad

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



DB2E90



6B8200



0091D8

# Complementary

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



DB2E90



2EDB79

# 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.



0094A2



DB2E90



008D1E

# Square

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



DB2E90



A36F00



009261



0086F4

# Rectangle

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



DB2E90



D7462B



009261



0092C8



# Sweetspot

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



DB2E90



FFC2E4



792EDB



805B6F



000000



808080



# Same Dimension

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



DB2E90



FF0D96



DB2E3A



6E6369



AD0062



2E001A



# Inverse Universe

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



DB2E90



FF0D96



2EDBCF



6E6369



AD0062



2E001A



# Previews

## White Background



This preview shows how the Hex color DB2E90 looks on a white background.

## Color Contrast Check

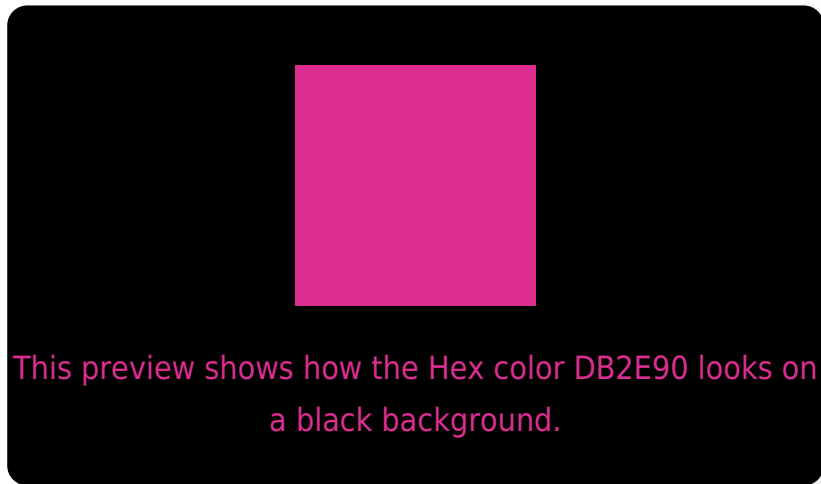
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB2E90 Background



This preview shows how black text looks on a background with the Hex color DB2E90.

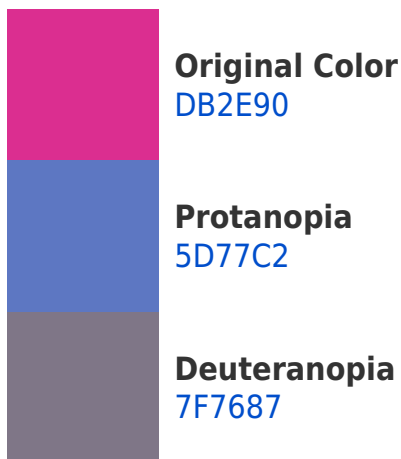



This preview shows how white text looks on a background with the Hex color DB2E90.

# 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



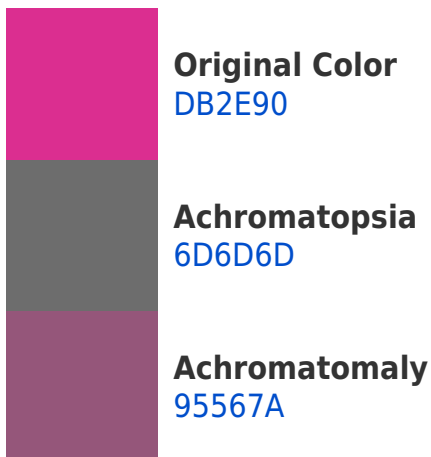


**Tritanopia**  
D64549

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB2E90 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 #DB2E90 looks like.

```
.text, #text, p{  
    color:#DB2E90  
}
```

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 #DB2E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB2E90
}
```

## Border

The CSS property to change the border of an element to Hex DB2E90 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
#DB2E90 }
```

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

```
.border{ border-color:#DB2E90 }
```

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

Here you see how a box with a 4 pixel #DB2E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB2E90; -webkit-box-shadow:4px 4px  
4px 4px #DB2E90; box-shadow:4px 4px 4px  
4px #DB2E90 }
```

# Background

The CSS property to change the background color of an element to Hex DB2E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB2E90 }
```

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

```
.background{ background-color:#DB2E90 }
```

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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