

# Converting Colors

Hex(DB2490)

Have a look what the booklet for  
Hex(DB2490) contains.

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# Color

**Hex(DB2490)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB2490
RGB	219, 36, 144
RGB Percent	86%, 14%, 56%
CMY	0.1412, 0.8588, 0.4353
CMYK	0.00, 0.84, 0.34, 0.14
HSL	325°, 72%, 50%
HSV	325°, 84%, 86%
XYZ	34.8783, 18.3354, 28.0864
YIQ	103.0290, 74.4000, 72.3840

# Conversions

## Conversions Part 2

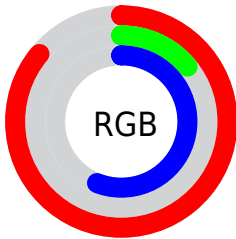
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 36, 144
Decimal	14361744
CIE <sub>Lab</sub>	49.90, 73.91, -13.69
CIE <sub>LCh</sub>	50, 75.170, 349.505
Yxy	18.3354, 0.4290, 0.2255
Android (android.graphics.Color)	4292551824 (0xFFDB2490)
YUV	103.0290, 20.1987, 101.7066
Hunter-Lab	42.8199, 70.4598, -8.9155

# Details

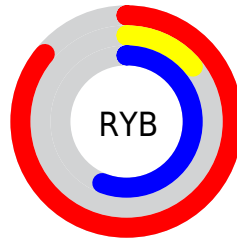
The Hex color **DB2490** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **24DB6F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF69C6**, and **9F005E** is the 20% darker color. If you saturate the color by 10%, you get **DB0E87**, and if you desaturate by 10%, it is **DB3A99**.

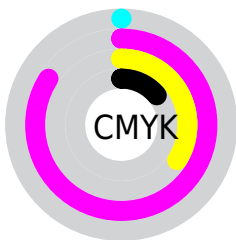
# Distribution



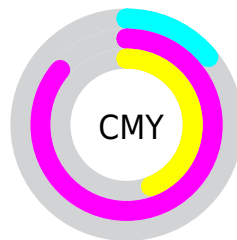
- Red (86%)
- Green (14%)
- Blue (56%)



- Red (86%)
- Yellow (14%)
- Blue (56%)



- Cyan (0%)
- Magenta (84%)
- Yellow (34%)
- Black (14%)



- Cyan (14%)
- Magenta (86%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DB2490 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 DB2490 by changing the saturation by 10% instead.



 DB2490

 DB2490

FFFFFF

 BD0076

 FF69C6

 9F005E

 FF86E2

 810046

 FFA4FF

 640030

 FFC2FF

 49001B

 FFDFFF

 2B0001

FFFEFF

 000000

 DB2490

 DB2490

 DB0E87

 DB3A99

 DB0081

 DB50A2

 DB66AB

 DB7CB4

 DB92BD

 DBA7C6

 DBBDCF

 DBD3D8

 DBE9E1

# Harmonies

## Analogous

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



AB4ECB



DB2490



E42551

# Triad

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



DB2490



698000



008FD8

# Complementary

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



DB2490



24DB6F

# 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.



0092A0



DB2490



008B13

# Square

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



DB2490



A36C00



00915D



0085F6

# Rectangle

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



DB2490



D84027



00915D



0091C7



# Sweetspot

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



DB2490



FFBFE5



6D24DB



805970



000000



808080



# Same Dimension

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



DB2490



FF0096



DB2436



6E6369



AD0066



2E001B



# Inverse Universe

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



DB2490



FF0096



24DBC9



6E6369



AD0066



2E001B



# Previews

## White Background



This preview shows how the Hex color DB2490 looks on a white background.

## Color Contrast Check

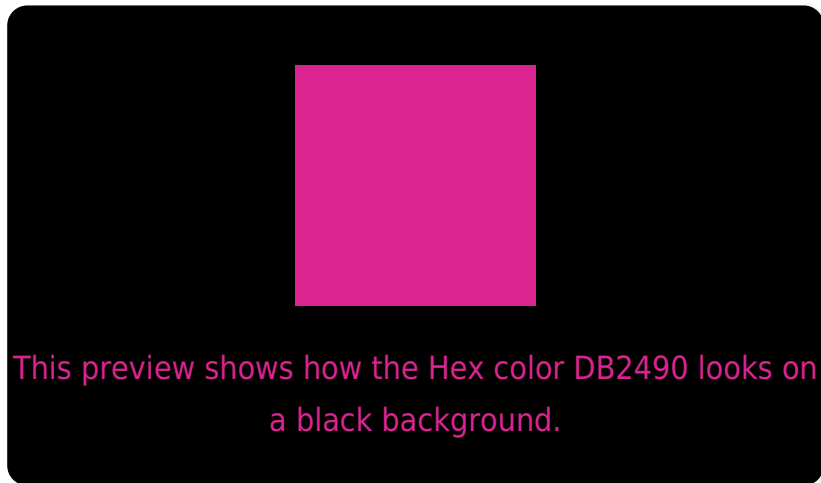
Large Text (above 18pt) WCAG AA ✓ Pass

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 DB2490 Background



This preview shows how black text looks on a background with the Hex color DB2490.

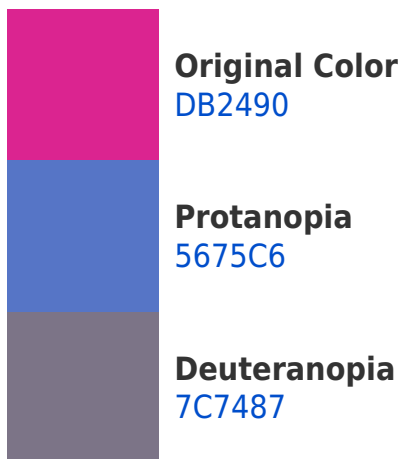



This preview shows how white text looks on a background with the Hex color DB2490.

# 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**  
D64043

# Trichromacy



**Original Color**  
DB2490



**Protanomaly**  
8658B2



**Deuteranomaly**  
9F578A



**Tritanomaly**  
D8365F

# Monochromacy



**Original Color**  
DB2490



**Achromatopsia**  
676767



**Achromatomaly**  
914F76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DB2490 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 #DB2490 looks like.

```
.text, #text, p{  
    color:#DB2490  
}
```

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 #DB2490 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DB2490
}
```

## Border

The CSS property to change the border of an element to Hex DB2490 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
#DB2490 }
```

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

```
.border{ border-color:#DB2490 }
```

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

Here you see how a box with a 4 pixel #DB2490 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DB2490; -webkit-box-shadow:4px 4px  
4px 4px #DB2490; box-shadow:4px 4px 4px  
4px #DB2490 }
```

# Background

The CSS property to change the background color of an element to Hex DB2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DB2490 }
```

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

```
.background{ background-color:#DB2490 }
```

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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