

# Converting Colors

Hex(D264E2)

Have a look what the booklet for  
Hex(D264E2) contains.

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# Color

Hex(D264E2)

# Conversions

## Conversions Part 1

Format	Color
Hex	D264E2
RGB	210, 100, 226
RGB Percent	82%, 39%, 89%
CMY	0.1765, 0.6078, 0.1137
CMYK	0.07, 0.56, 0.00, 0.11
HSL	292°, 68%, 64%
HSV	292°, 56%, 89%
XYZ	44.8630, 28.3070, 75.0508
YIQ	147.2540, 25.1140, 62.5060

# Conversions

## Conversions Part 2

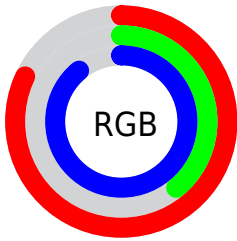
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	210, 100, 226
Decimal	13788386
CIE Lab	60.17, 61.00, -45.35
CIE LCh	60, 76.014, 323.373
Yxy	28.3070, 0.3027, 0.1910
Android (android.graphics.Color)	4291978466 (0xFFD264E2)
YUV	147.2540, 38.8218, 55.0282
Hunter-Lab	53.2043, 57.4074, -46.3923

# Details

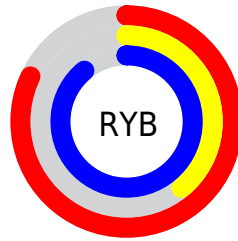
The Hex color **D264E2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **74E264**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FF9BFF**, and **992BAA** is the 20% darker color. If you saturate the color by 10%, you get **CF4DE2**, and if you desaturate by 10%, it is **D57BE2**.

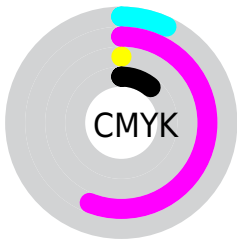
# Distribution



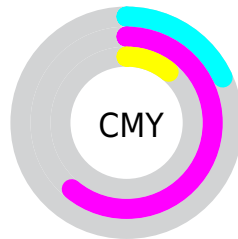
- Red (82%)
- Green (39%)
- Blue (89%)



- Red (82%)
- Yellow (39%)
- Blue (89%)



- Cyan (7%)
- Magenta (56%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (61%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D264E2 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 D264E2 by changing the saturation by 10% instead.



 D264E2

 D264E2

FFFFFF

 B548C6

 FF9BFF

 992BAA

 FFB8FF

 7D008F

 FFD4FF

 610075

 FFF2FF

 46005C

 2F0044

 09002C

 000116

 000000

 D264E2

 D264E2

 CF4DE2

 D57BE2

 CC37E2

 D891E2

 C920E2

 DBA8E2

 C70AE2

 DDBEE2

 C500E2

 E0D5E2

 E3ECE2

 E6FFE2

 E9FFE2

 ECFE2

# Harmonies

## Analogous

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



6B86FF



D264E2



FF46A3

# Triad

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



D264E2



BB8900



00AFC5

# Complementary

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



D264E2



74E264

# 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.



00AE7F



D264E2



7C9D00

# Square

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



D264E2



EA6C20



00A83A



00AAFC

# Rectangle

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



D264E2



FF4576



00A83A



00AFAE



# Sweetspot

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



D264E2



F9D4FF



6475E2



7C6680



000000



808080



# Same Dimension

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



D264E2



E954FF



E264B4



6F6570



9A00B0



2A0030



# Inverse Universe

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



E26474



FF546A



64E292



706566



B00016

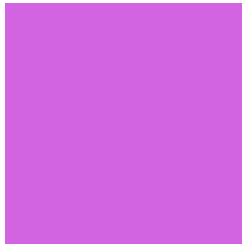


300006



# Previews

## White Background



This preview shows how the Hex color D264E2 looks on a white background.

## Color Contrast Check

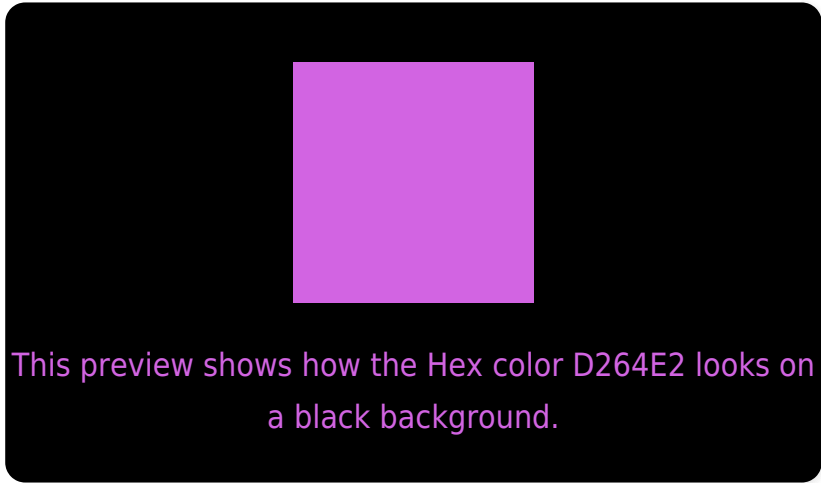
Large Text (above 18pt) WCAG AA ✓ Pass

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

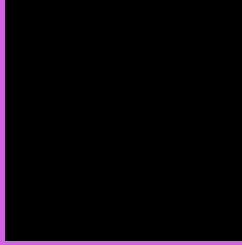
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D264E2 Background



This preview shows how black text looks on a background with the Hex color D264E2.

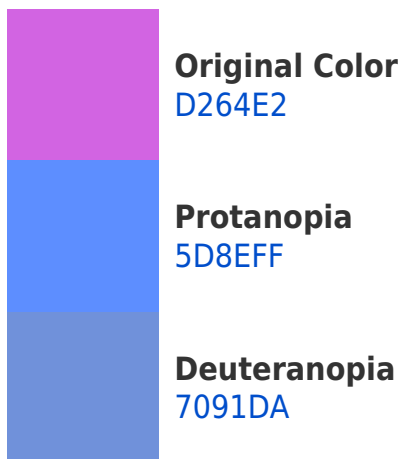



This preview shows how white text looks on a background with the Hex color D264E2.

# 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](#).

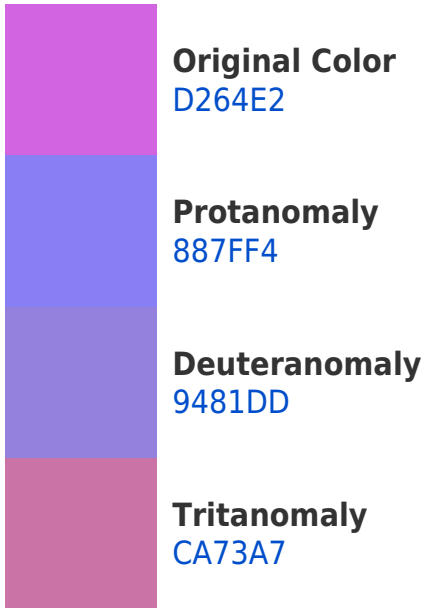
## Dichromacy



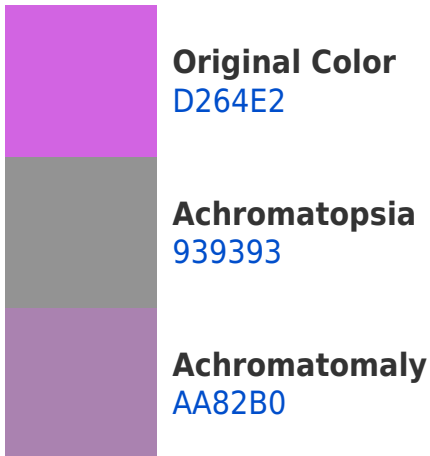


**Tritanopia**  
C67C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D264E2 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 #D264E2 looks like.

```
.text, #text, p{  
    color:#D264E2  
}
```

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 #D264E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D264E2
}
```

## Border

The CSS property to change the border of an element to Hex D264E2 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
#D264E2 }
```

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

```
.border{ border-color:#D264E2 }
```

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

Here you see how a box with a 4 pixel #D264E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D264E2; -webkit-box-shadow:4px 4px  
4px 4px #D264E2; box-shadow:4px 4px 4px  
4px #D264E2 }
```

# Background

The CSS property to change the background color of an element to Hex D264E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D264E2 }
```

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

```
.background{ background-color:#D264E2 }
```

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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