

# Converting Colors

Hex(D41E96)

Have a look what the booklet for  
Hex(D41E96) contains.

<b>Hex(D41E96)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(D41E96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D41E96
RGB	212, 30, 150
RGB Percent	83%, 12%, 59%
CMY	0.1686, 0.8824, 0.4118
CMYK	0.00, 0.86, 0.29, 0.17
HSL	320°, 75%, 47%
HSV	320°, 86%, 83%
XYZ	33.1207, 17.1276, 30.4145
YIQ	98.0980, 69.9520, 75.9040

# Conversions

## Conversions Part 2

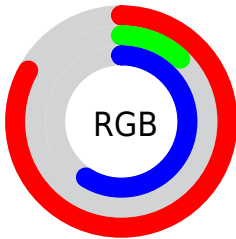
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 30, 150
Decimal	13901462
CIE <sub>Lab</sub>	48.42, 74.18, -19.67
CIE <sub>LCh</sub>	48, 76.739, 345.149
Yxy	17.1276, 0.4106, 0.2123
Android (android.graphics.Color)	4292091542 (0xFFD41E96)
YUV	98.0980, 25.5877, 99.8921
Hunter-Lab	41.3855, 70.4283, -14.6027

# Details

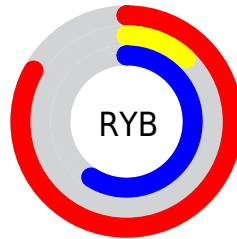
The Hex color **D41E96** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **1ED45C**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF65CC**, and **980063** is the 20% darker color. If you saturate the color by 10%, you get **D4098F**, and if you desaturate by 10%, it is **D4339D**.

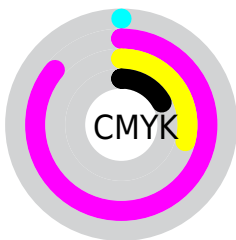
# Distribution



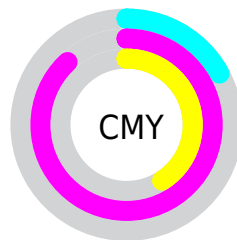
- Red (83%)
- Green (12%)
- Blue (59%)



- Red (83%)
- Yellow (12%)
- Blue (59%)



- Cyan (0%)
- Magenta (86%)
- Yellow (29%)
- Black (17%)



- Cyan (17%)
- Magenta (88%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D41E96 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 D41E96 by changing the saturation by 10% instead.



 D41E96

 D41E96

FFFFFF

 B6007C

 FF65CC

 980063

 FF83E9

 7B004B

 FFA0FF

 5E0034

 FFBEFF

 43001F

 FFDBFF

 260001

 FFFAFF

 000000

 D41E96

 D41E96

 D4098F

 D4339D

 D4008C

 D448A4

 D45EAC

 D473B3

 D488BA

 D49DC1

 D4B2C9

 D4C8D0

 D4DDD7

# Harmonies

## Analogous

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



9C4ED0



D41E96



E20F56

# Triad

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



D41E96



6E7A00



008DCF

# Complementary

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



D41E96



1ED45C

# 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.



008E93



D41E96



008600

# Square

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



D41E96



A66400



008C4F



0084F2

# Rectangle

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



D41E96



D8322C



008C4F



008EBD



# Sweetspot

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



D41E96



FFBDE8



5B1ED4



805872



000000



808080



# Same Dimension

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



D41E96



FF00A8



D41E3C



6B6067



AB0071



2B001D



# Inverse Universe

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



D41E96



FF00A8



1ED4B6



6B6067



AB0071



2B001D



# Previews

## White Background



This preview shows how the Hex color D41E96 looks on a white background.

## Color Contrast Check

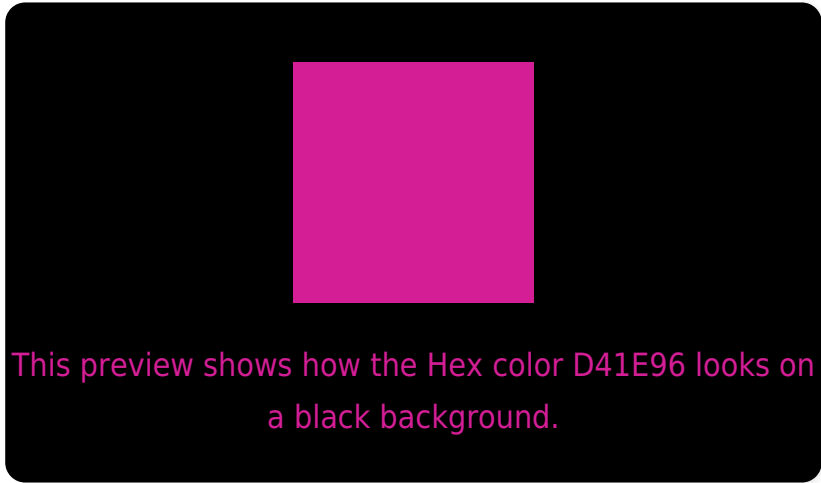
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex D41E96 Background



This preview shows how black text looks on a background with the Hex color D41E96.

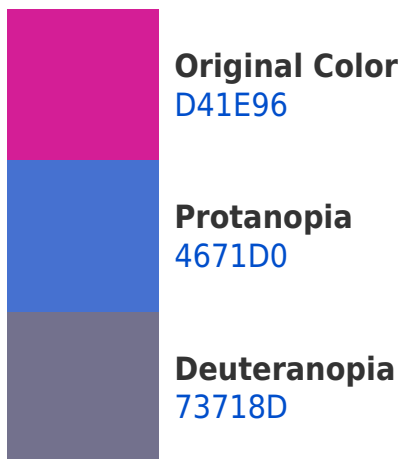


This preview shows how white text looks on a background with the Hex color D41E96.

# 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





# Trichromacy



**Original Color**  
D41E96



**Protanomaly**  
7A53BB



**Deuteranomaly**  
965390



**Tritanomaly**  
D03461

# Monochromacy



**Original Color**  
D41E96



**Achromatopsia**  
626262



**Achromatomaly**  
8B4975

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D41E96 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 #D41E96 looks like.

```
.text, #text, p{  
    color:#D41E96  
}
```

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 #D41E96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D41E96
}
```

## Border

The CSS property to change the border of an element to Hex D41E96 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
#D41E96 }
```

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

```
.border{ border-color:#D41E96 }
```

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

Here you see how a box with a 4 pixel #D41E96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D41E96; -webkit-box-shadow:4px 4px  
4px 4px #D41E96; box-shadow:4px 4px 4px  
4px #D41E96 }
```

# Background

The CSS property to change the background color of an element to Hex D41E96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D41E96 }
```

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

```
.background{ background-color:#D41E96 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**