

Converting Colors

Hex(D36EC2)

Have a look what the booklet for
Hex(D36EC2) contains.

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Color

Hex(D36EC2)

Conversions

Conversions Part 1

Format	Color
Hex	D36EC2
RGB	211, 110, 194
RGB Percent	83%, 43%, 76%
CMY	0.1725, 0.5686, 0.2392
CMYK	0.00, 0.48, 0.08, 0.17
HSL	310°, 53%, 63%
HSV	310°, 48%, 83%
XYZ	42.1775, 28.8958, 54.3934
YIQ	149.7750, 33.2320, 47.5360

Conversions

Conversions Part 2

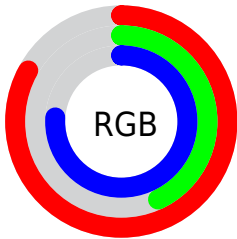
Format	Color
R _Y B	211, 110, 194
Decimal	13856450
CIE Lab	60.69, 50.82, -26.47
CIE LCh	61, 57.296, 332.485
Yxy	28.8958, 0.3362, 0.2303
Android (android.graphics.Color)	4292046530 (0xFFD36EC2)
YUV	149.7750, 21.8029, 53.6943
Hunter-Lab	53.7548, 45.9851, -22.3660

Details

The Hex color **D36EC2** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **6ED37F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFA5FB**, and **9A398C** is the 20% darker color. If you saturate the color by 10%, you get **D359BE**, and if you desaturate by 10%, it is **D383C6**.

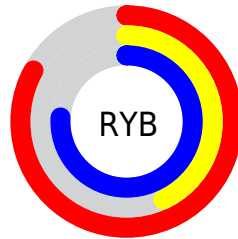
Distribution



Red (83%)

Green (43%)

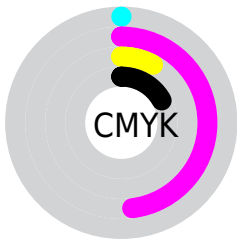
Blue (76%)



Red (83%)

Yellow (43%)

Blue (76%)

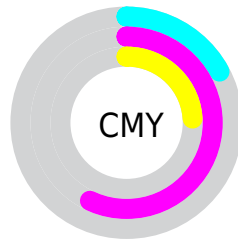


Cyan (0%)

Magenta (48%)

Yellow (8%)

Black (17%)



Cyan (17%)

Magenta (57%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color D36EC2 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 D36EC2 by changing the saturation by 10% instead.

 D36EC2

 D36EC2

FFFFFF

 B653A7

 FFA5FB

 9A398C

 FFC1FF

 7F1B72

 FFDDFF

 64005A

 FFFAFF

 4A0042

 33002C

 0F0016

 000000

 D36EC2

 D36EC2

 D359BE

 D383C6

 D344BB

 D398C9

 D32FB7

 D3ADCD

 D31AB4

 D3C2D0

 D305B0

 D3D8D4

 D300AF

 D3EDD7

 D3FFDB

 D3FFDE

 D3FFE2

Harmonies

Analogous

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



9983E8



D36EC2



ED6390

Triad

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



D36EC2



A99123



00AAC7

Complementary

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



D36EC2



6ED37F

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.



00AB95



D36EC2



769F36

Square

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



D36EC2



D17E37



21A761



00A4EC

Rectangle

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



D36EC2



EE666F



21A761



00ABB8

Sweetspot

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



D36EC2



FFDBF9



7F6ED3



806A7C



000000



808080

Same Dimension

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



D36EC2



FF6EE7



D36E90



695E67



A8008C



290022

Inverse Universe

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



D36EC2



FF6EE7



6ED3B1



695E67



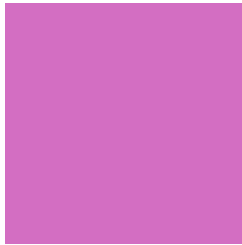
A8008C



290022

Previews

White Background



This preview shows how the Hex color D36EC2 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

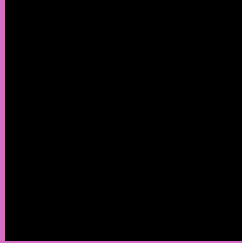
Any Text WCAG AA ✓ Pass

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 D36EC2 Background



This preview shows how black text looks on a background with the Hex color D36EC2.



This preview shows how white text looks on a background with the Hex color D36EC2.

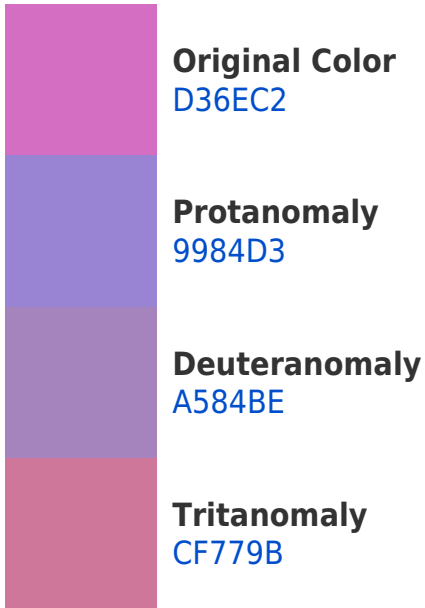
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D36EC2 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 #D36EC2 looks like.

```
.text, #text, p{  
    color:#D36EC2  
}
```

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 #D36EC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D36EC2
}
```

Border

The CSS property to change the border of an element to Hex D36EC2 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
#D36EC2 }
```

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

```
.border{ border-color:#D36EC2 }
```

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

Here you see how a box with a 4 pixel #D36EC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D36EC2; -webkit-box-shadow:4px 4px  
4px 4px #D36EC2; box-shadow:4px 4px 4px  
4px #D36EC2 }
```

Background

The CSS property to change the background color of an element to Hex D36EC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D36EC2 }
```

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

```
.background{ background-color:#D36EC2 }
```

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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