

Converting Colors

Hex(C36ED7)

Have a look what the booklet for
Hex(C36ED7) contains.

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Color

Hex(C36ED7)

Conversions

Conversions Part 1

Format	Color
Hex	C36ED7
RGB	195, 110, 215
RGB Percent	76%, 43%, 84%
CMY	0.2353, 0.5686, 0.1569
CMYK	0.09, 0.49, 0.00, 0.16
HSL	289°, 57%, 64%
HSV	289°, 49%, 84%
XYZ	40.3473, 27.6603, 67.5024
YIQ	147.3850, 16.9550, 50.6750

Conversions

Conversions Part 2

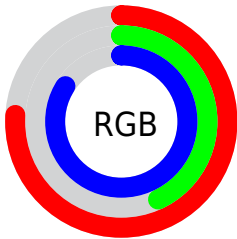
Format	Color
RYB	195, 110, 215
Decimal	12807895
CIELab	59.58, 50.00, -40.22
CIElCh	60, 64.170, 321.182
Yxy	27.6603, 0.2977, 0.2041
Android (android.graphics.Color)	4290997975 (0xFFC36ED7)
YUV	147.3850, 33.3342, 41.7584
Hunter-Lab	52.5930, 44.9006, -39.2828

Details

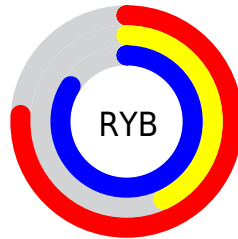
The Hex color **C36ED7** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **82D76E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **FDA4FF**, and **8B3AA0** is the 20% darker color. If you saturate the color by 10%, you get **BF59D7**, and if you desaturate by 10%, it is **C784D7**.

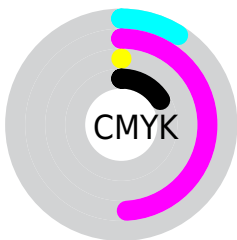
Distribution



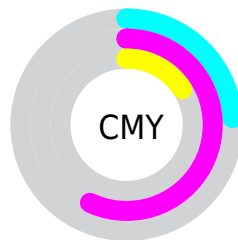
- Red (76%)
- Green (43%)
- Blue (84%)



- Red (76%)
- Yellow (43%)
- Blue (84%)



- Cyan (9%)
- Magenta (49%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (57%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color C36ED7 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 C36ED7 by changing the saturation by 10% instead.

 C36ED7

 C36ED7

FFFFFF

 A754BB

 FDA4FF

 8B3AA0

 FFC0FF

 701E85

 FFDDFF

 55006B

 FFFAFF

 3B0053

 26003B

 000024

 00000C

 000000

 C36ED7

 C36ED7

 BF59D7

 C784D7

 BB43D7

 CB99D7

 B72ED7

 CFAFD7

 B318D7

 D3C4D7

 AF03D7

 D7DAD7

 AE00D7

 DCEFD7

 E0FFD7

 E4FFD7

 E8FFD7

Harmonies

Analogous

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



6E88F9



C36ED7



EC59A3

Triad

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



C36ED7



B98709



00AAB7

Complementary

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



C36ED7



82D76E

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.



00A97C



C36ED7



859911

Square

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



C36ED7



E07037



3AA344



00A6E7

Rectangle

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



C36ED7



F5577D



3AA344



00AAA4

Sweetspot

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



C36ED7



F8D9FF



6E83D7



7B6980



000000



808080

Same Dimension

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



C36ED7



E269FF



D76EB8



69606B



8A00AB



23002B

Inverse Universe

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



D76E82



FF6985



6ED78E



6B6062



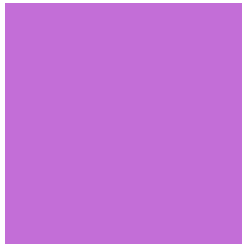
AB0021



2B0008

Previews

White Background



This preview shows how the Hex color C36ED7 looks on a white background.

Color Contrast Check

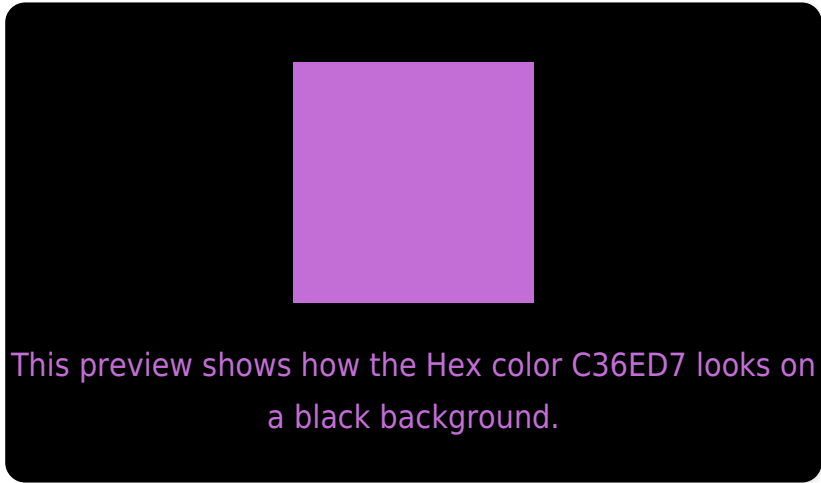
Large Text (above 18pt) WCAG AA ✓ Pass

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

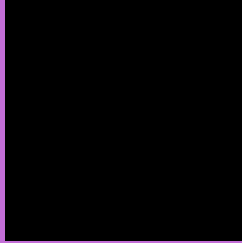
Any Text WCAG AA ✓ Pass

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 C36ED7 Background



This preview shows how black text looks on a background with the Hex color C36ED7.

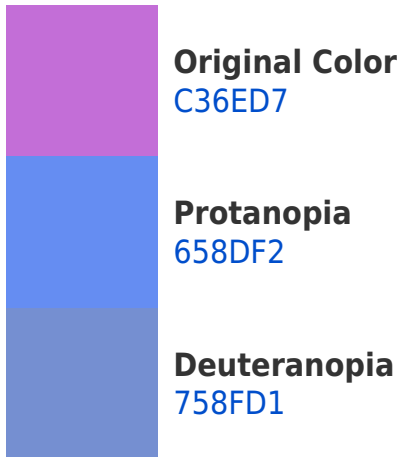


This preview shows how white text looks on a background with the Hex color C36ED7.

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](#).

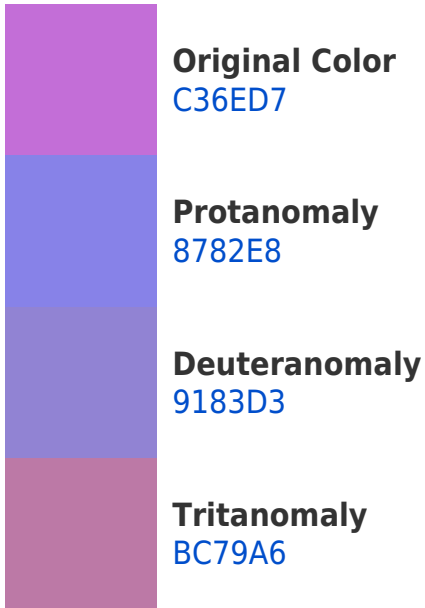
Dichromacy



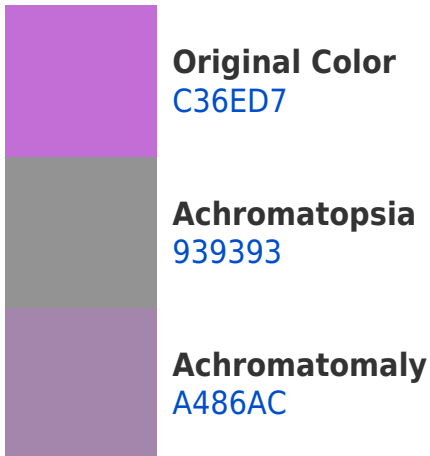


Tritanopia
B8808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C36ED7 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 #C36ED7 looks like.

```
.text, #text, p{  
    color:#C36ED7  
}
```

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 #C36ED7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C36ED7
}
```

Border

The CSS property to change the border of an element to Hex C36ED7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

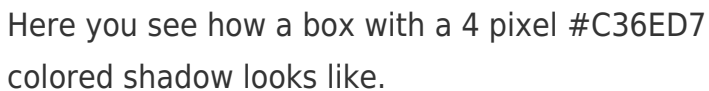
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C36ED7 }
```

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

```
.border{ border-color:#C36ED7 }
```

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



Here you see how a box with a 4 pixel `#C36ED7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C36ED7; -webkit-box-shadow:4px 4px  
4px 4px #C36ED7; box-shadow:4px 4px 4px  
4px #C36ED7 }
```

Background

The CSS property to change the background color of an element to Hex C36ED7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C36ED7 }
```

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

```
.background{ background-color:#C36ED7 }
```

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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