

Converting Colors

Hex(C936E3)

Have a look what the booklet for
Hex(C936E3) contains.

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Color

Hex(C936E3)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C936E3 |
| RGB | 201, 54, 227 |
| RGB Percent | 79%, 21%, 89% |
| CMY | 0.2118, 0.7882, 0.1098 |
| CMYK | 0.11, 0.76, 0.00, 0.11 |
| HSL | 291°, 76%, 55% |
| HSV | 291°, 76%, 89% |
| XYZ | 39.2717, 20.6019, 74.5798 |
| YIQ | 117.6750, 32.0790, 84.9670 |

Conversions

Conversions Part 2

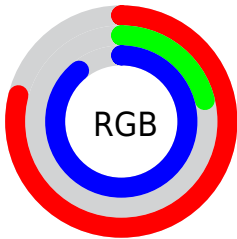
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 201, 54, 227 |
| Decimal | 13186787 |
| CIE _{Lab} | 52.51, 77.10, -58.18 |
| CIE _{LCh} | 53, 96.587, 322.963 |
| Yxy | 20.6019, 0.2921, 0.1532 |
| Android (android.graphics.Color) | 4291376867 (0xFFC936E3) |
| YUV | 117.6750, 53.8972, 73.0760 |
| Hunter-Lab | 45.3893, 75.0103, -65.6477 |

Details

The Hex color **C936E3** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **50E336**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FF74FF**, and **8E00AB** is the 20% darker color. If you saturate the color by 10%, you get **C61FE3**, and if you desaturate by 10%, it is **CC4DE3**.

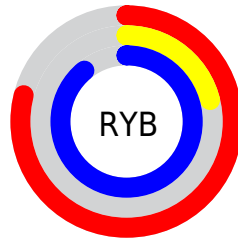
Distribution



Red (79%)

Green (21%)

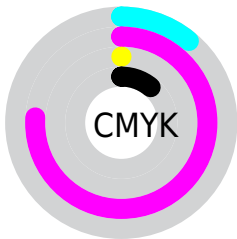
Blue (89%)



Red (79%)

Yellow (21%)

Blue (89%)

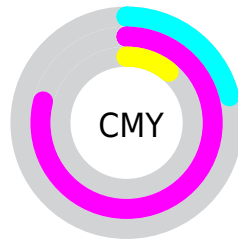


Cyan (11%)

Magenta (76%)

Yellow (0%)

Black (11%)



Cyan (21%)

Magenta (79%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color C936E3 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 C936E3 by changing the saturation by 10% instead.

 C936E3

 C936E3

FFFFFF

 AB01C6

 FF74FF

 8E00AB

 FF92FF

 71008F

 FFAFFF

 550075

 FFCCFF

 39005C

 FFEAFF

 1A0043

 00022C

 000116

 000000

 C936E3

 C936E3

 C61FE3

 CC4DE3

 C209E3

 D063E3

 C100E3

 D37AE3

 D791E3

 DAA8E3

 DDBEE3

 E1D5E3

 E4ECE3

 E8FFE3

Harmonies

Analogous

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



0071FF



C936E3



FF0095

Triad

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



C936E3



A97300



009EBC

Complementary

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



C936E3



50E336

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.



009C66



C936E3



5B8C00

Square

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



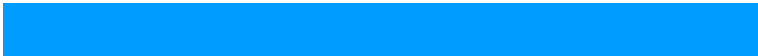
C936E3



E34600



009700



009CFF

Rectangle

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



C936E3



FF005E



009700



009EA1

Sweetspot

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



C936E3



F6C4FF



3653E3



7A5C80



000000



808080

Same Dimension

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



C936E3



DC17FF



E336A9



716773



9800B3



2B0033

Inverse Universe

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



E33650



FF173A



36E370



736769



B3001B



330008

Previews

White Background



This preview shows how the Hex color C936E3 looks on a white background.

Color Contrast Check

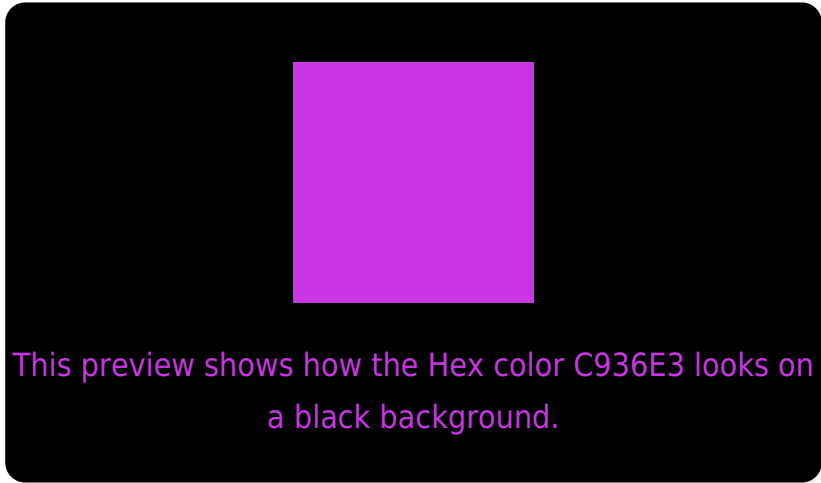
Large Text (above 18pt) WCAG AA ✓ Pass

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

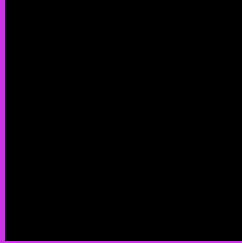
Any Text WCAG AA ✓ Pass

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 C936E3 Background



This preview shows how black text looks on a background with the Hex color C936E3.

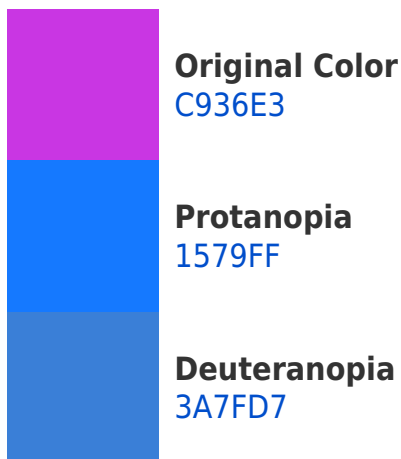


This preview shows how white text looks on a background with the Hex color C936E3.

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
B9646B

Trichromacy



Original Color
C936E3



Protanomaly
5661F5



Deuteranomaly
6E64DB



Tritanomaly
BF5397

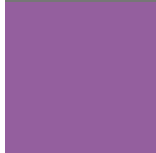
Monochromacy



Original Color
C936E3



Achromatopsia
767676



Achromatomaly
945F9E

CSS Examples

Text

The CSS property to change the color of the text to Hex C936E3 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 #C936E3 looks like.

```
.text, #text, p{  
    color:#C936E3  
}
```

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 #C936E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C936E3
}
```

Border

The CSS property to change the border of an element to Hex C936E3 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".

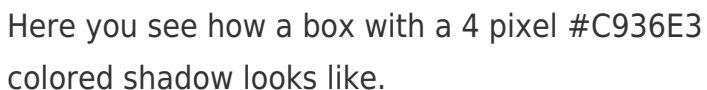
```
.border, #border, table{ border:4px solid
#C936E3 }
```

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

```
.border{ border-color:#C936E3 }
```

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

Here you see how a box with a 4 pixel #C936E3 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C936E3; -webkit-box-shadow:4px 4px  
4px 4px #C936E3; box-shadow:4px 4px 4px  
4px #C936E3 }
```

Background

The CSS property to change the background color of an element to Hex C936E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C936E3 }
```

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

```
.background{ background-color:#C936E3 }
```

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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