

Converting Colors

Hex(C936D8)

Have a look what the booklet for
Hex(C936D8) contains.

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Color

Hex(C936D8)

Conversions

Conversions Part 1

Format	Color
Hex	C936D8
RGB	201, 54, 216
RGB Percent	79%, 21%, 85%
CMY	0.2118, 0.7882, 0.1529
CMYK	0.07, 0.75, 0.00, 0.15
HSL	294°, 68%, 53%
HSV	294°, 75%, 85%
XYZ	37.8012, 20.0137, 66.8364
YIQ	116.4210, 35.6100, 81.5460

Conversions

Conversions Part 2

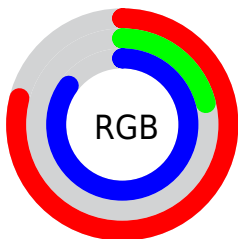
Format	Color
R_{YB}	201, 54, 216
Decimal	13186776
CIE _{Lab}	51.85, 75.23, -52.99
CIE _{LCh}	52, 92.017, 324.842
Yxy	20.0137, 0.3033, 0.1606
Android (android.graphics.Color)	4291376856 (0xFFC936D8)
YUV	116.4210, 49.0924, 74.1758
Hunter-Lab	44.7367, 72.5382, -57.2634

Details

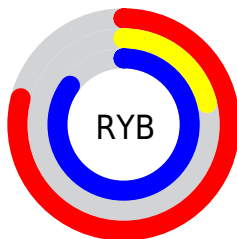
The Hex color **C936D8** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **45D836**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF74FF**, and **8F00A0** is the 20% darker color. If you saturate the color by 10%, you get **C720D8**, and if you desaturate by 10%, it is **CB4CD8**.

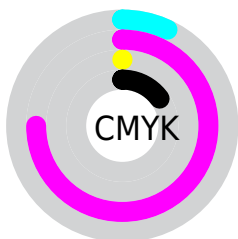
Distribution



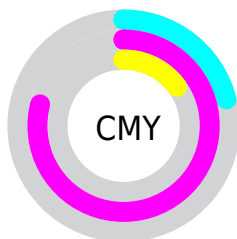
- Red (79%)
- Green (21%)
- Blue (85%)



- Red (79%)
- Yellow (21%)
- Blue (85%)



- Cyan (7%)
- Magenta (75%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (79%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color C936D8 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 C936D8 by changing the saturation by 10% instead.

 C936D8

 C936D8

FFFFFF

 AC03BC

 FF74FF

 8F00A0

 FF91FF

 720086

 FFAEFF

 56006C

 FFCCFF

 3B0053

 FFE9FF

 1D003A

 000223

 00000B

 000000

 C936D8

 C936D8

 C720D8

 CB4CD8

 C50BD8

 CD61D8

 C400D8

 CF77D8

 D18CD8

 D3A2D8

 D5B8D8

 D7CDD8

 D9E3D8

 DBF8D8

Harmonies

Analogous

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



386DFF



C936D8



FA008D

Triad

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



C936D8



A27400



009BBC

Complementary

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



C936D8



45D836

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.



009A6B



C936D8



568A00

Square

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



C936D8



DA4C00



009504



0098FE

Rectangle

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



C936D8



FF0059



009504



009BA2

Sweetspot

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



C936D8



FAC4FF



3646D8



7C5C80



000000



808080

Same Dimension

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



C936D8



EA19FF



D83697



6A606B



9B00AB



27002B

Inverse Universe

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



D83645



FF192F



36D877



6B6061



AB0010



2B0004

Previews

White Background



This preview shows how the Hex color C936D8 looks on a white background.

Color Contrast Check

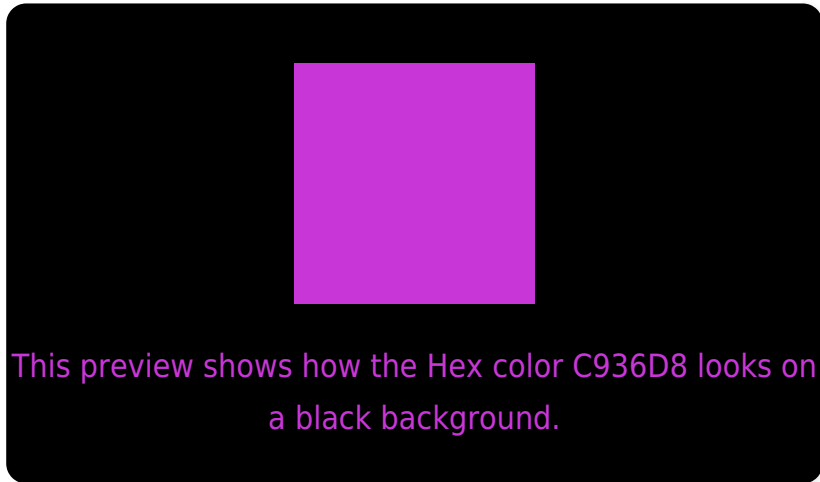
Large Text (above 18pt) WCAG AA ✓ Pass

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

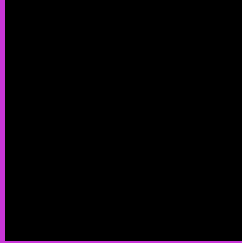
Any Text WCAG AA ✓ Pass

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 C936D8 Background



This preview shows how black text looks on a background with the Hex color C936D8.

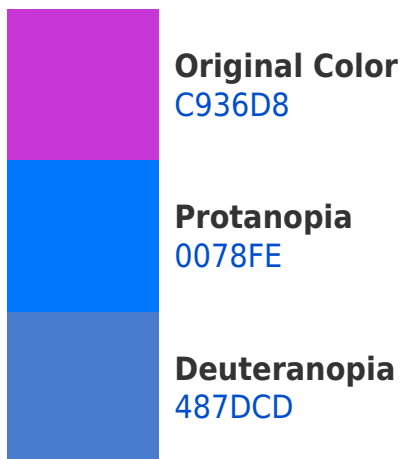


This preview shows how white text looks on a background with the Hex color C936D8.

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](#).

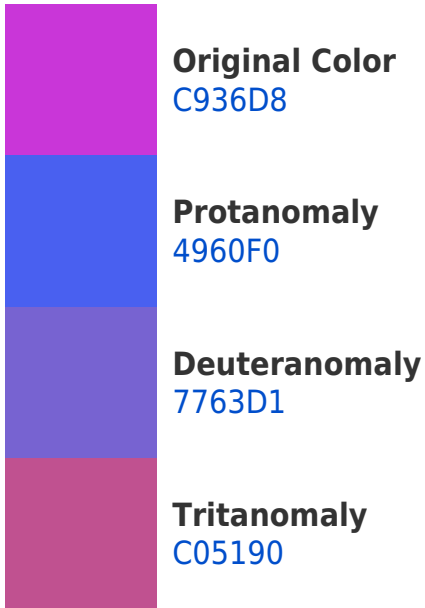
Dichromacy



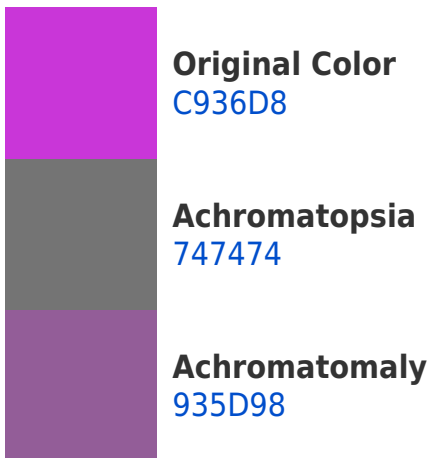


Tritanopia
BB6067

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C936D8 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 #C936D8 looks like.

```
.text, #text, p{  
    color:#C936D8  
}
```

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 #C936D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C936D8
}
```

Border

The CSS property to change the border of an element to Hex C936D8 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
#C936D8 }
```

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

```
.border{ border-color:#C936D8 }
```

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

Here you see how a box with a 4 pixel #C936D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C936D8; -webkit-box-shadow:4px 4px  
4px 4px #C936D8; box-shadow:4px 4px 4px  
4px #C936D8 }
```

Background

The CSS property to change the background color of an element to Hex C936D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C936D8 }
```

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

```
.background{ background-color:#C936D8 }
```

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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