

# Converting Colors

Hex(C013D6)

Have a look what the booklet for  
Hex(C013D6) contains.

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**Color**

**Hex(C013D6)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | C013D6                    |
| RGB           | 192, 19, 214              |
| RGB Percent   | 75%, 7%, 84%              |
| CMY           | 0.2471, 0.9255, 0.1608    |
| CMYK          | 0.10, 0.91, 0.00, 0.16    |
| HSL           | 293°, 84%, 46%            |
| HSV           | 293°, 91%, 84%            |
| XYZ           | 34.1087, 16.5273, 65.0107 |
| YIQ           | 92.9570, 40.5130, 97.3210 |

# Conversions

## Conversions Part 2

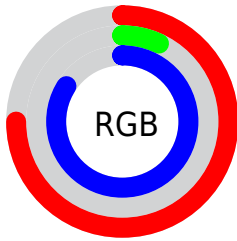
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 192, 19, 214                  |
| Decimal                             | 12587990                      |
| CIE Lab                             | 47.66, 80.92, -58.65          |
| CIE LCh                             | 48, 99.944, 324.064           |
| Yxy                                 | 16.5273, 0.2949,<br>0.1429    |
| Android<br>(android.graphics.Color) | 4290778070<br>(0xFFC013D6)    |
| YUV                                 | 92.9570, 59.6742,<br>86.8607  |
| Hunter-Lab                          | 40.6537, 78.6185,<br>-66.3549 |

# Details

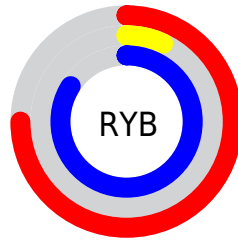
The Hex color **C013D6** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **29D613**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FC60FF**, and **85009E** is the 20% darker color. If you saturate the color by 10%, you get **BE00D6**, and if you desaturate by 10%, it is **C228D6**.

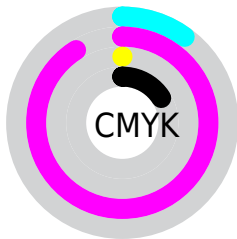
# Distribution



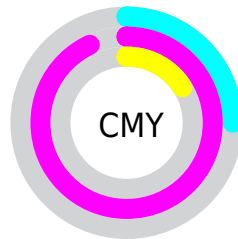
- Red (75%)
- Green (7%)
- Blue (84%)



- Red (75%)
- Yellow (7%)
- Blue (84%)



- Cyan (10%)
- Magenta (91%)
- Yellow (0%)
- Black (16%)



- Cyan (25%)
- Magenta (93%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C013D6 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 C013D6 by changing the saturation by 10% instead.



 C013D6

 C013D6

FFFFFF

 A200BA

 FC60FF

 85009E

 FF7EFF

 680083

 FF9CFF

 4B0069

 FFB9FF


 300050

 FFD7FF

 0B0038

 FFF5FF

 000222

 000007

 000000

 C013D6

 C013D6

 BE00D6

 C228D6

 C53ED6

 C753D6

 CA69D6

 CC7ED6

 CE93D6

 D1A9D6

 D3BED6

 D6D4D6

# Harmonies

## Analogous

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



0063FF



C013D6



F50086

# Triad

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



C013D6



986900



0091B5

# Complementary

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



C013D6



29D613

# 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.



008F5D



C013D6



458000

# Square

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



C013D6



D43700



008B00



008FFB

# Rectangle

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



C013D6



FB004F



008B00



009198



# Sweetspot

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



C013D6



F7BAFF



132AD6



7B5780



000000



808080



# Same Dimension

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



C013D6



E200FF



D6138B



6A606B



9800AB



26002B



# Inverse Universe

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



D61329



FF001D



13D65E



6B6062



AB0013

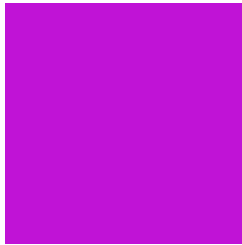


2B0005



# Previews

## White Background



This preview shows how the Hex color C013D6 looks on a white background.

## Color Contrast Check

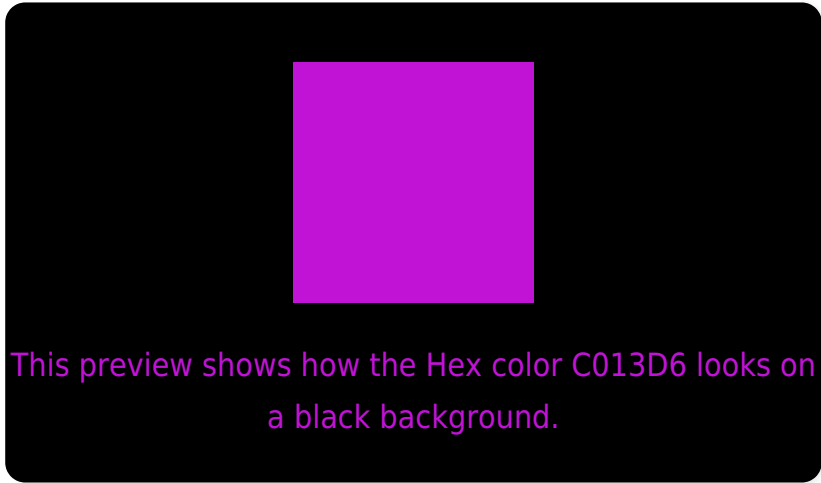
Large Text (above 18pt) WCAG AA ✓ Pass

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

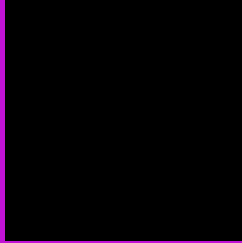
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex C013D6 Background



This preview shows how black text looks on a background with the Hex color C013D6.

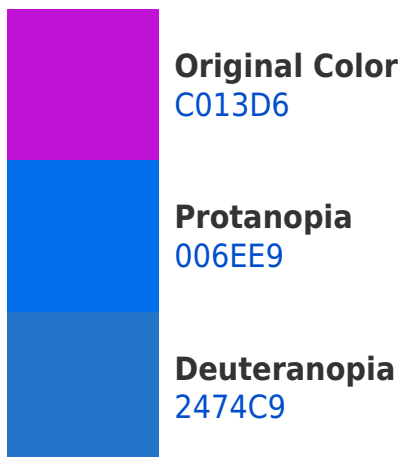


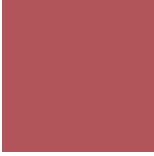
This preview shows how white text looks on a background with the Hex color C013D6.

# 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**  
B1555B

# Trichromacy



**Original Color**  
C013D6



**Protanomaly**  
464DE2



**Deuteranomaly**  
5D51CE



**Tritanomaly**  
B63D88

# Monochromacy



**Original Color**  
C013D6



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
814289

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C013D6 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 #C013D6 looks like.

```
.text, #text, p{  
    color:#C013D6  
}
```

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 #C013D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C013D6
}
```

## Border

The CSS property to change the border of an element to Hex C013D6 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".

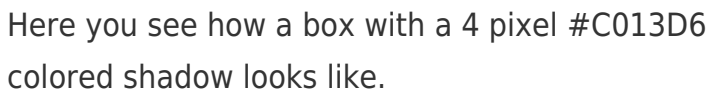
```
.border, #border, table{ border:4px solid
#C013D6 }
```

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

```
.border{ border-color:#C013D6 }
```

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

Here you see how a box with a 4 pixel #C013D6 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C013D6; -webkit-box-shadow:4px 4px  
4px 4px #C013D6; box-shadow:4px 4px 4px  
4px #C013D6 }
```

# Background

The CSS property to change the background color of an element to Hex C013D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C013D6 }
```

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

```
.background{ background-color:#C013D6 }
```

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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