

# Converting Colors

Hex(C14FD6)

Have a look what the booklet for  
Hex(C14FD6) contains.

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# Color

Hex(C14FD6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C14FD6
RGB	193, 79, 214
RGB Percent	76%, 31%, 84%
CMY	0.2431, 0.6902, 0.1608
CMYK	0.10, 0.63, 0.00, 0.16
HSL	291°, 62%, 57%
HSV	291°, 63%, 84%
XYZ	36.9259, 21.7845, 65.8769
YIQ	128.4760, 24.6090, 66.1530

# Conversions

## Conversions Part 2

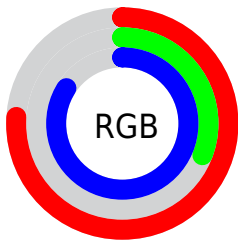
Format	Color
R <sub>YB</sub>	193, 79, 214
Decimal	12668886
CIE <sub>Lab</sub>	53.80, 63.99, -48.82
CIE <sub>LCh</sub>	54, 80.482, 322.660
Y <sub>xy</sub>	21.7845, 0.2964, 0.1749
Android (android.graphics.Color)	4290858966 (0xFFC14FD6)
YUV	128.4760, 42.1633, 56.5875
Hunter-Lab	46.6738, 59.5407, -51.0121

# Details

The Hex color **C14FD6** 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 **64D64F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FC87FF**, and **88099F** is the 20% darker color. If you saturate the color by 10%, you get **BE3AD6**, and if you desaturate by 10%, it is **C464D6**.

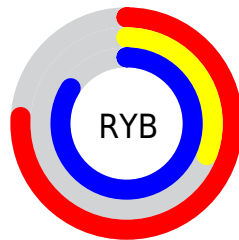
# Distribution



Red (76%)

Green (31%)

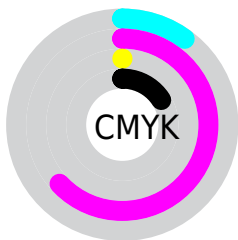
Blue (84%)



Red (76%)

Yellow (31%)

Blue (84%)

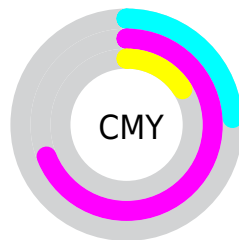


Cyan (10%)

Magenta (63%)

Yellow (0%)

Black (16%)



Cyan (24%)

Magenta (69%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C14FD6 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 C14FD6 by changing the saturation by 10% instead.



 C14FD6

 C14FD6

FFFFFF

 A432BA

 FC87FF

 88099F

 FFA3FF

 6C0084

 FFC0FF

 51006A


 FFDDFF

 360051

 FFFAFF

 1A0039

 000222

 000009

 000000

 C14FD6

 C14FD6

 BE3AD6

 C464D6

 BA24D6

 C87AD6

 B70FD6

 CB8FD6

 B500D6

 CEA5D6

 D2BAD6

 D5CFD6

 D8E5D6

 DCFAD6

 DFFFD6

# Harmonies

## Analogous

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



4876FF



C14FD6



F02095

# Triad

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



C14FD6



AA7800



009EB4

# Complementary

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



C14FD6



64D64F

# 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.



009D6D



C14FD6



698D00

# Square

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



C14FD6



DB5700



00981F



009BEF

# Rectangle

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



C14FD6



F81D67



00981F



009E9D



# Sweetspot

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



C14FD6



F7CFFF



4F66D6



7B6280



000000



808080



# Same Dimension

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



C14FD6



E13DFF



D64FA9



69606B



9000AB



25002B



# Inverse Universe

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



D64F64



FF3D5B



4FD67C



6B6062



AB001B



2B0007



# Previews

## White Background



This preview shows how the Hex color C14FD6 looks on a white background.

## Color Contrast Check

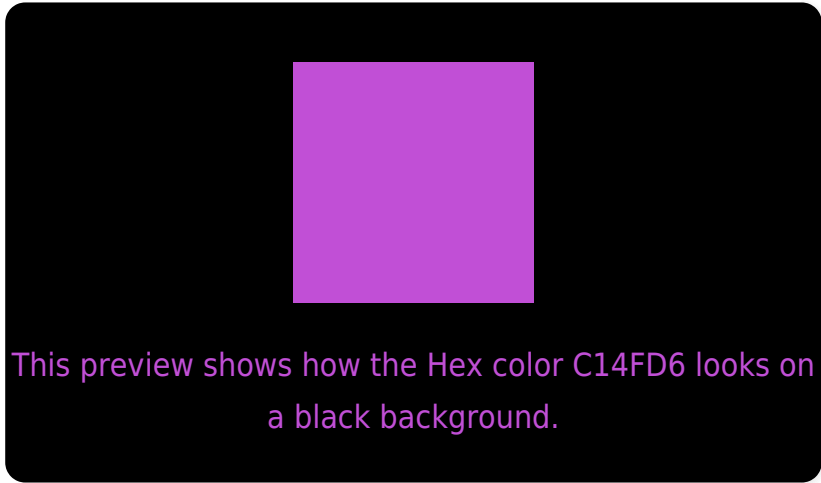
Large Text (above 18pt) WCAG AA ✓ Pass

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

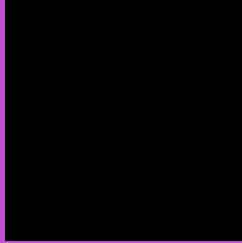
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex C14FD6 Background



This preview shows how black text looks on a background with the Hex color C14FD6.

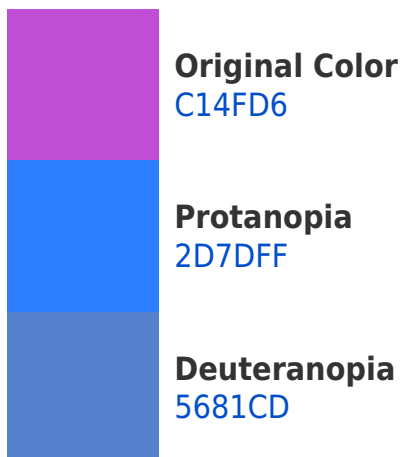



This preview shows how white text looks on a background with the Hex color C14FD6.

# 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**  
B46C74

# Trichromacy



**Original Color**  
C14FD6



**Protanomaly**  
636CF0



**Deuteranomaly**  
7D6FD0



**Tritanomaly**  
B96198

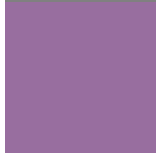
# Monochromacy



**Original Color**  
C14FD6



**Achromatopsia**  
808080



**Achromatomaly**  
986E9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C14FD6 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 #C14FD6 looks like.

```
.text, #text, p{  
    color:#C14FD6  
}
```

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 #C14FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C14FD6  
}
```

## Border

The CSS property to change the border of an element to Hex C14FD6 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  
#C14FD6 }
```

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

```
.border{ border-color:#C14FD6 }
```

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

Here you see how a box with a 4 pixel #C14FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C14FD6; -webkit-box-shadow:4px 4px  
4px 4px #C14FD6; box-shadow:4px 4px 4px  
4px #C14FD6 }
```

# Background

The CSS property to change the background color of an element to Hex C14FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C14FD6 }
```

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

```
.background{ background-color:#C14FD6 }
```

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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