

# Converting Colors

Hex(CC14B2)

Have a look what the booklet for  
Hex(CC14B2) contains.

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# Color

**Hex(CC14B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC14B2
RGB	204, 20, 178
RGB Percent	80%, 8%, 70%
CMY	0.2000, 0.9216, 0.3020
CMYK	0.00, 0.90, 0.13, 0.20
HSL	308°, 82%, 44%
HSV	308°, 90%, 80%
XYZ	33.1879, 16.5520, 43.5651
YIQ	93.0280, 58.9460, 88.1460

# Conversions

## Conversions Part 2

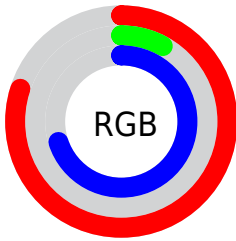
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">204, 20, 178</a>
Decimal	<a href="#">13374642</a>
CIELab	<a href="#">47.69, 77.56, -37.56</a>
CIELCh	<a href="#">48, 86.177, 334.158</a>
Yxy	<a href="#">16.5520, 0.3557, 0.1774</a>
Android (android.graphics.Color)	<a href="#">4291564722 (0xFFCC14B2)</a>
YUV	<a href="#">93.0280, 41.8912, 97.3224</a>
Hunter-Lab	<a href="#">40.6842, 74.4129, -35.0095</a>

# Details

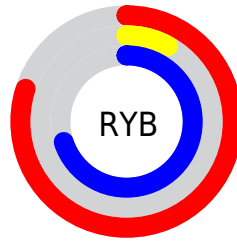
The Hex color **CC14B2** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **14CC2E**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF60EA**, and **91007D** is the 20% darker color. If you saturate the color by 10%, you get **CC00AF**, and if you desaturate by 10%, it is **CC28B5**.

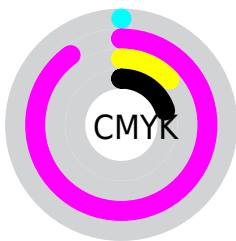
# Distribution



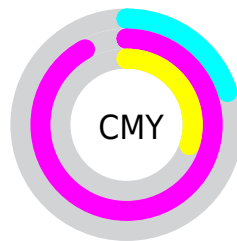
- Red (80%)
- Green (8%)
- Blue (70%)



- Red (80%)
- Yellow (8%)
- Blue (70%)



- Cyan (0%)
- Magenta (90%)
- Yellow (13%)
- Black (20%)



- Cyan (20%)
- Magenta (92%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CC14B2 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 CC14B2 by changing the saturation by 10% instead.



 CC14B2

 CC14B2

FFFFFF

 AE0097

 FF60EA

 91007D

 FF7FFF

 740063

 FF9CFF

 58004B

 FFBAFF

 3D0034

 FFD8FF

 1F001D

 FFF6FF

 000000

 CC14B2

 CC14B2

 CC00AF

 CC28B5

 CC3DB8

 CC51BB

 CC66BE

 CC7AC0

 CC8EC3

 CCA3C6

 CCB7C9

 CCCCCC

# Harmonies

## Analogous

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



7357EC



CC14B2



EA006B

# Triad

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



CC14B2



817200



008EC2

# Complementary

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



CC14B2



14CC2E

# 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.



008E7A



CC14B2



2D8300

# Square

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



CC14B2



BA5300



008B2B



0089F6

# Rectangle

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



CC14B2



E7003C



008B2B



008EAB



# Sweetspot

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



CC14B2



FFBAF5



2D14CC



80577A



000000



808080



# Same Dimension

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



CC14B2



FF00DB



CC1457



665C65



A6008E



260021



# Inverse Universe

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



CC14B2



FF00DB



14CC89



665C65



A6008E



260021



# Previews

## White Background



This preview shows how the Hex color CC14B2 looks on a white background.

## Color Contrast Check

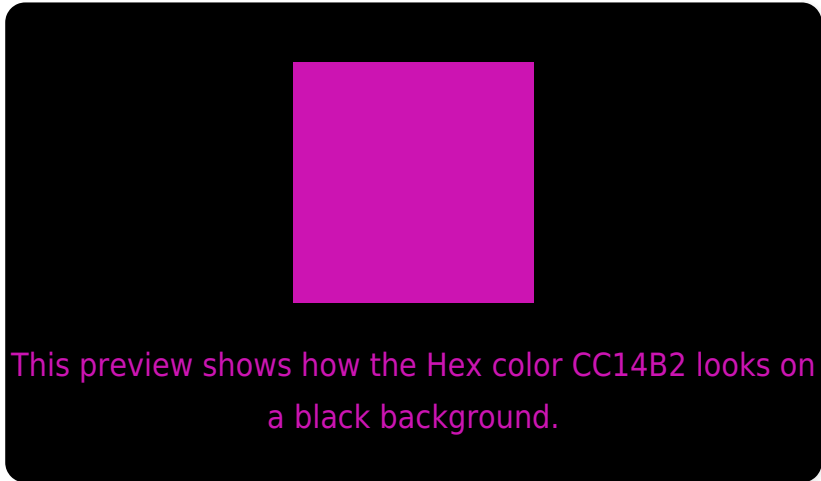
Large Text (above 18pt) WCAG AA ✓ Pass

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

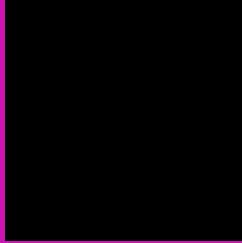
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex CC14B2 Background



This preview shows how black text looks on a background with the Hex color CC14B2.

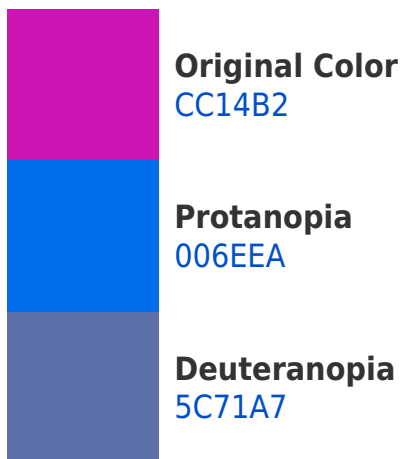



This preview shows how white text looks on a background with the Hex color CC14B2.

# 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**  
C3484C

# Trichromacy



**Original Color**  
CC14B2



**Protanomaly**  
4A4DD6



**Deuteranomaly**  
854FAB



**Tritanomaly**  
C63571

# Monochromacy



**Original Color**  
CC14B2



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
85427C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CC14B2 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 #CC14B2 looks like.

```
.text, #text, p{  
    color:#CC14B2  
}
```

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 #CC14B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC14B2
}
```

## Border

The CSS property to change the border of an element to Hex CC14B2 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
#CC14B2 }
```

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

```
.border{ border-color:#CC14B2 }
```

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

Here you see how a box with a 4 pixel #CC14B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC14B2; -webkit-box-shadow:4px 4px  
4px 4px #CC14B2; box-shadow:4px 4px 4px  
4px #CC14B2 }
```

# Background

The CSS property to change the background color of an element to Hex CC14B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC14B2 }
```

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

```
.background{ background-color:#CC14B2 }
```

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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