

Converting Colors

Hex(C286F0)

Have a look what the booklet for
Hex(C286F0) contains.

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Color

Hex(C286F0)

Conversions

Conversions Part 1

Format	Color
Hex	C286F0
RGB	194, 134, 240
RGB Percent	76%, 53%, 94%
CMY	0.2392, 0.4745, 0.0588
CMYK	0.19, 0.44, 0.00, 0.06
HSL	274°, 78%, 73%
HSV	274°, 44%, 94%
XYZ	46.5014, 34.8108, 86.7063
YIQ	164.0240, 1.7340, 45.6860

Conversions

Conversions Part 2

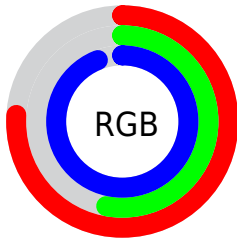
Format	Color
RYB	194, 134, 240
Decimal	12748528
CIELab	65.60, 42.26, -44.69
CIELCh	66, 61.502, 313.398
Yxy	34.8108, 0.2768, 0.2072
Android (android.graphics.Color)	4290938608 (0xFFC286F0)
YUV	164.0240, 37.4562, 26.2890
Hunter-Lab	59.0007, 37.4337, -45.8310

Details

The Hex color **C286F0** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B4F086**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FCBCFF**, and **8A53B7** is the 20% darker color. If you saturate the color by 10%, you get **B86EF0**, and if you desaturate by 10%, it is **CC9EF0**.

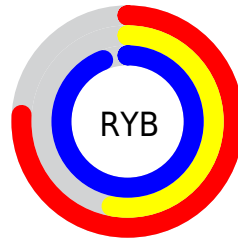
Distribution



Red (76%)

Green (53%)

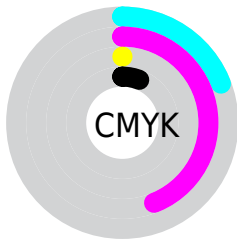
Blue (94%)



Red (76%)

Yellow (53%)

Blue (94%)

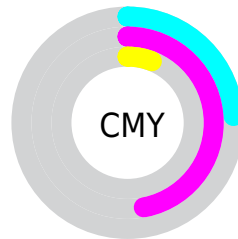


Cyan (19%)

Magenta (44%)

Yellow (0%)

Black (6%)



Cyan (24%)

Magenta (47%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color C286F0 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 C286F0 by changing the saturation by 10% instead.

 C286F0

FFFFFF

 FCBCFF

 FFD8FF

 FFF5FF

 C286F0

 A66CD3

 8A53B7

 6F3A9C

 552182

 3A0568

 20004F

 000038

 000221

 000006

 C286F0

 C286F0

 B86EF0

 CC9EF0

 AD56F0

 D7B6F0

 A33EF0

 E1CEF0

 9826F0

 ECE6F0

 8E0EF0

 F6FEF0

 8800F0

 FFFFF0

Harmonies

Analogous

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



639DFF



C286F0



F471C0

Triad

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



C286F0



D5912F



00BAB7

Complementary

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



C286F0



B4F086

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.



00B87E



C286F0



A5A428

Square

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



C286F0



F87B56



67B14A



00B7EA

Rectangle

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



C286F0



FF6B9B



67B14A



00BAA4

Sweetspot

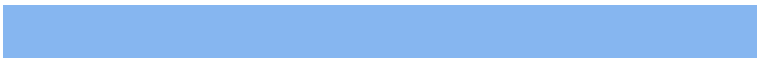
The Sweet Spot groups the original color and five complimentary colors.



C286F0



F1DEFF



86B6F0



776B80



000000



808080

Same Dimension

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



C286F0



C478FF



F086EB



736C78



6800B8



200038

Inverse Universe

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



F086B4



FF78B2



86F08B



786C71



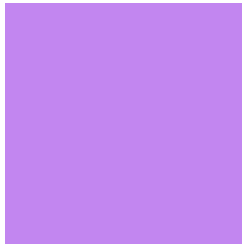
B80050



380018

Previews

White Background



This preview shows how the Hex color C286F0 looks on a white background.

Color Contrast Check

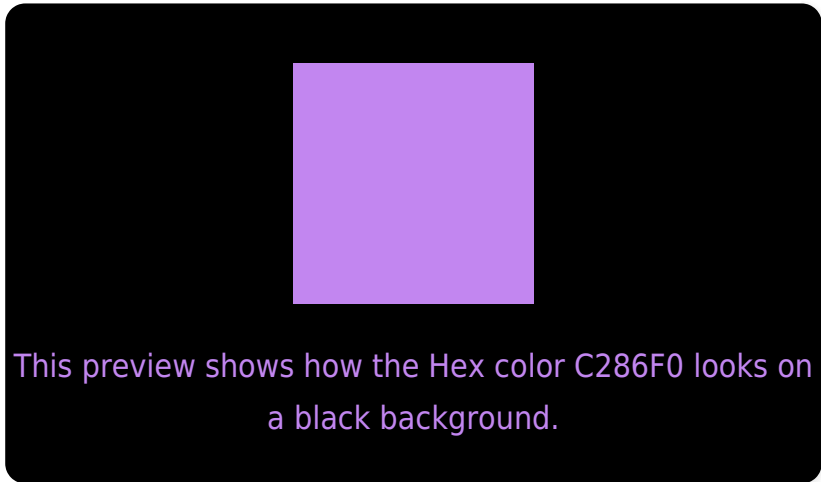
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex C286F0 Background



This preview shows how black text looks on a background with the Hex color C286F0.

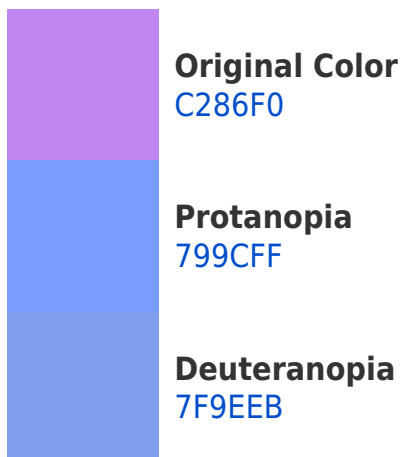


This preview shows how white text looks on a background with the Hex color C286F0.

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
B597A3

Trichromacy



Original Color
C286F0



Protanomaly
9494FA



Deuteranomaly
9795ED



Tritanomaly
BA91BF

Monochromacy



Original Color
C286F0



Achromatopsia
A4A4A4



Achromatomaly
AF99C0

CSS Examples

Text

The CSS property to change the color of the text to Hex C286F0 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 #C286F0 looks like.

```
.text, #text, p{  
    color:#C286F0  
}
```

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 #C286F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C286F0
}
```

Border

The CSS property to change the border of an element to Hex C286F0 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
#C286F0 }
```

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

```
.border{ border-color:#C286F0 }
```

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

Here you see how a box with a 4 pixel #C286F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C286F0; -webkit-box-shadow:4px 4px  
4px 4px #C286F0; box-shadow:4px 4px 4px  
4px #C286F0 }
```

Background

The CSS property to change the background color of an element to Hex C286F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C286F0 }
```

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

```
.background{ background-color:#C286F0 }
```

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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