

Converting Colors

Hex(FFC295)

Have a look what the booklet for
Hex(FFC295) contains.

Hex(FFC295)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(FFC295)

Conversions

Conversions Part 1

Format	Color
Hex	FFC295
RGB	255, 194, 149
RGB Percent	100%, 76%, 58%
CMY	0.0000, 0.2392, 0.4157
CMYK	0.00, 0.24, 0.42, 0.00
HSL	25°, 100%, 79%
HSV	25°, 42%, 100%
XYZ	65.9566, 62.0135, 36.9273
YIQ	207.1090, 50.8010, -1.0630

Conversions

Conversions Part 2

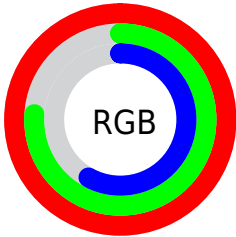
Format	Color
R_{YB}	255, 227, 149
Decimal	16761493
CIE _{Lab}	82.92, 16.28, 31.08
CIE _{LCh}	83, 35.087, 62.347
Yxy	62.0135, 0.4000, 0.3761
Android (android.graphics.Color)	4294951573 (0xFFFFC295)
YUV	207.1090, -28.6477, 42.0004
Hunter-Lab	78.7487, 11.6941, 27.3214

Details

The Hex color **FFC295** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **95D2FF**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFBCB**, and **C48C62** is the 20% darker color. If you saturate the color by 10%, you get **FFB37C**, and if you desaturate by 10%, it is **FFD1AF**.

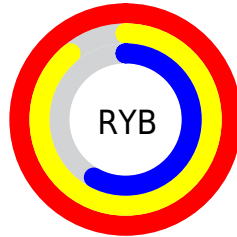
Distribution



Red (100%)

Green (76%)

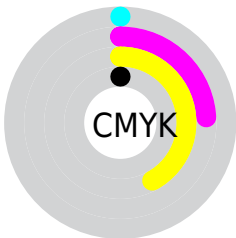
Blue (58%)



Red (100%)

Yellow (89%)

Blue (58%)

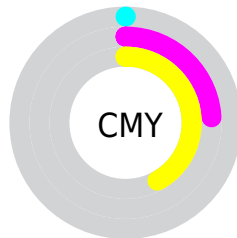


Cyan (0%)

Magenta (24%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (24%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color FFC295 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 FFC295 by changing the saturation by 10% instead.

 FFC295

 FFC295

FFFFFF

 E1A77B

 FFFBCB

 C48C62

 FFFF8

 A87349

 8C5A32

 70421C

 562C04

 3C1700

 240000

 000000

 FFC295

 FFC295

 FFB37C

 FFD1AF

 FFA562

 FFDFC8

 FF9649

 FFEEE2

 FF872F

 FFFDFB

 FF7916

FFFFFF

 FF6C00

Harmonies

Analogous

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



FFB9AD



FFC295



E3CD8C

Triad

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



FFC295



75E1D0



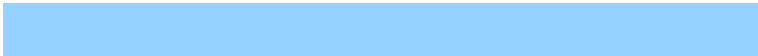
D6C5FF

Complementary

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



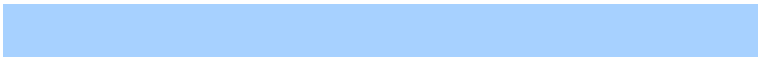
FFC295



95D2FF

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.



A7D1FF



FFC295



63DFF1

Square

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



FFC295



99DEAF



79DAFF



FBBBEE

Rectangle

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



FFC295



CCD491



79DAFF



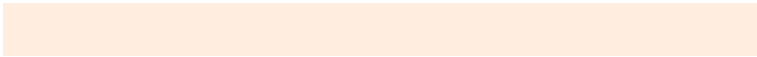
C7C9FF

Sweetspot

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



FFC295



FFEDE0



FF95D3



80756E



000000



808080

Same Dimension

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



FFC295



FFB680



FFF695



807873



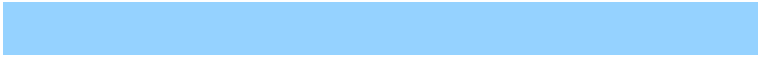
BF5100



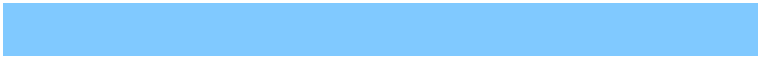
401B00

Inverse Universe

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



95D2FF



80C9FF



959EFF



737A80



006EBF



002540

Previews

White Background



This preview shows how the Hex color FFC295 looks on a white background.

Color Contrast Check

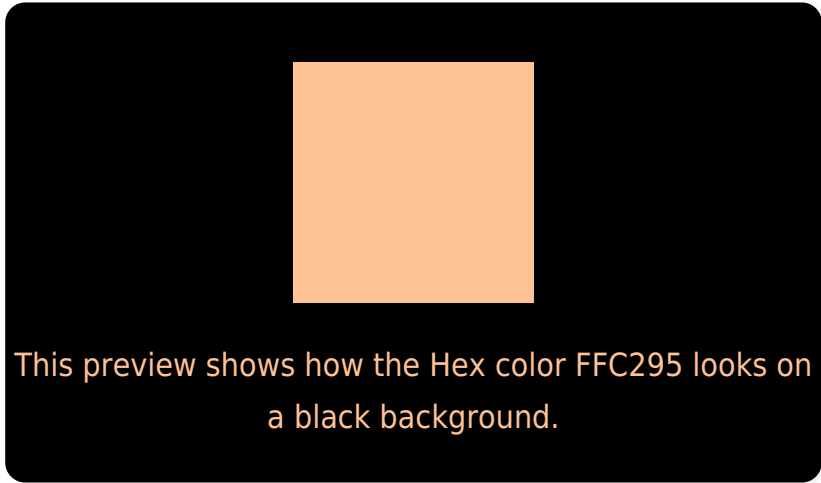
Large Text (above 18pt) WCAG AA × Fail

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

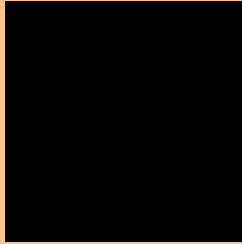
Any Text WCAG AA ✓ Pass

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 FFC295 Background



This preview shows how black text looks on a background with the Hex color FFC295.

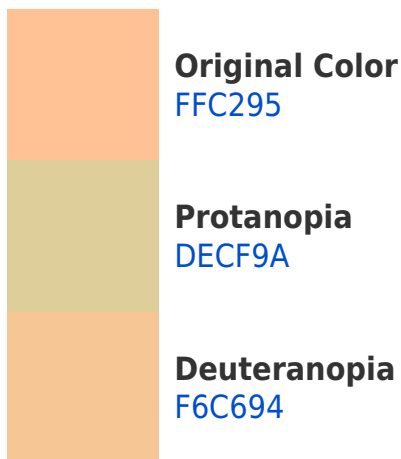


This preview shows how white text looks on a background with the Hex color FFC295.

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](#).

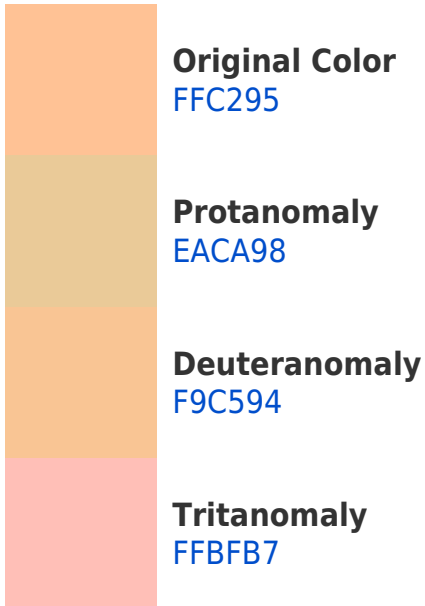
Dichromacy



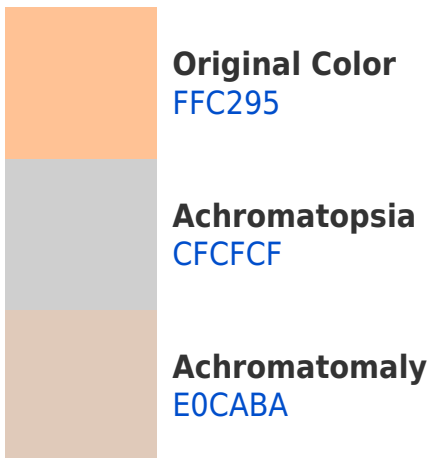


Tritanopia
FFBDCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FFC295 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 #FFC295 looks like.

```
.text, #text, p{  
    color:#FFC295  
}
```

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 #FFC295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFC295
}
```

Border

The CSS property to change the border of an element to Hex FFC295 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
#FFC295 }
```

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

```
.border{ border-color:#FFC295 }
```

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

Here you see how a box with a 4 pixel #FFC295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFC295; -webkit-box-shadow:4px 4px  
4px 4px #FFC295; box-shadow:4px 4px 4px  
4px #FFC295 }
```

Background

The CSS property to change the background color of an element to Hex FFC295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFC295 }
```

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

```
.background{ background-color:#FFC295 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor