

Converting Colors

Android(4291798527)

Have a look what the booklet for
Android(4291798527) contains.

Android(4291798527)	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

Android(4291798527)

Conversions

Conversions Part 1

Format	Color
Hex	CFA5FF
RGB	207, 165, 255
RGB Percent	81%, 65%, 100%
CMY	0.1882, 0.3529, 0.0000
CMYK	0.19, 0.35, 0.00, 0.00
HSL	268°, 100%, 82%
HSV	268°, 35%, 100%
XYZ	57.2373, 47.3957, 100.7393
YIQ	187.8180, -3.8580, 36.8940

Conversions

Conversions Part 2

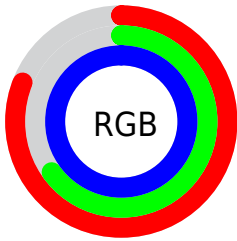
Format	Color
R_{YB}	207, 165, 255
Decimal	13608447
CIE _{Lab}	74.44, 32.39, -38.95
CIE _{LCh}	74, 50.660, 309.750
Yxy	47.3957, 0.2787, 0.2308
Android (android.graphics.Color)	4291798527 (0xFFCFA5FF)
YUV	187.8180, 33.1207, 16.8226
Hunter-Lab	68.8445, 27.9268, -38.5671

Details

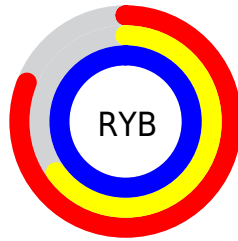
The Android color `4291798527` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4292214693`, and the grayscale version is `4290559164`.

A 20% lighter version of the original color is `4294958335`, and `4288115142` is the 20% darker color. If you saturate the color by 10%, you get `4290874623`, and if you desaturate by 10%, it is `4292722687`.

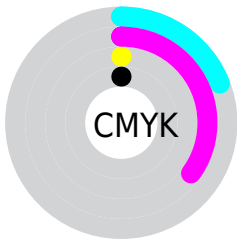
Distribution



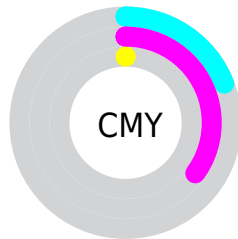
- Red (81%)
- Green (65%)
- Blue (100%)



- Red (81%)
- Yellow (65%)
- Blue (100%)



- Cyan (19%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291798527 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 Android color 4291798527 by changing the saturation by 10% instead.

 4291798527

 4291798527

4294967295

 4289956578

 4294958335

 4288115142

 4294965759

 4286339242

 4284629136


 4282919030

 4281274972

 4279631940

 4278190125

 4278190360

 4291798527

 4291798527

 4290874623

 4292722687

 4290015999

 4293581055

 4289092095

 4294505215

 4288233471

4294967295

 4287309567

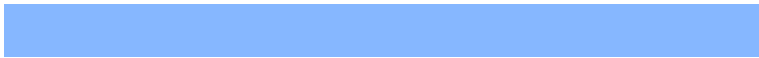
 4286385407

 4285989119

Harmonies

Analogous

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



4287019007



4291798527



4294809048

Triad

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



4291798527



4293765471



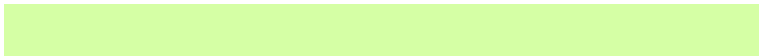
4278243269

Complementary

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



4291798527



4292214693

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.



4283485589



4291798527



4291148120

Square

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



4291798527



4294941054



4287809133



4278242801

Rectangle

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



4291798527



4294938809



4287809133



4278243253

Sweetspot

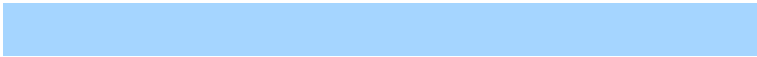
The Sweet Spot groups the original color and five complimentary colors.



4291798527



4293977087



4289058303



4286017408



4278190080



4286611584

Same Dimension

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



4291798527



4291204351



4294747647



4286149504



4284022975



4280156224

Inverse Universe

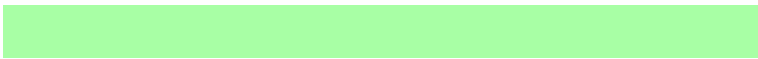
The Inverse Universe completely reimagines the original color for something new.



4294944213



4294939853



4289265573



4286608250



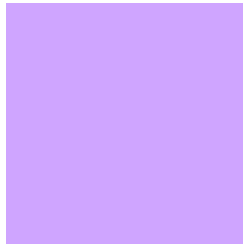
4290707558



4282384418

Previews

White Background



This preview shows how the Android color 4291798527 looks on a white background.

Color Contrast Check

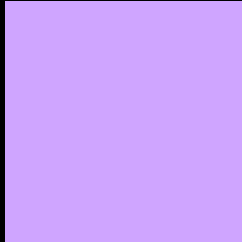
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4291798527 looks on a 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](#).

Android 4291798527 Background



This preview shows how black text looks on a background with the Android color 4291798527.



This preview shows how white text looks on a background with the Android color 4291798527.

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



Trichromacy



Original Color

4291798527



Protanomaly

4289835007



Deuteranomaly

4289900541



Tritanomaly

4291341783

Monochromacy



Original Color

4291798527



Achromatopsia

4290559164



Achromatomaly

4291015892

CSS Examples

Text

The CSS property to change the color of the text to Android 4291798527 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 `rgb(207, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 165, 255)  
}
```

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 rgb(207, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 165, 255) }
```

Border

The CSS property to change the border of an element to Android 4291798527 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 rgb(207, 165, 255) }
```

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

```
.border{ border-color:rgb(207, 165, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 165, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 165,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4291798527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 165, 255) }
```

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

```
.background{ background-color: rgb(207,  
165, 255) }
```

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