

Converting Colors

Android(4291082716)

Have a look what the booklet for
Android(4291082716) contains.

Android(4291082716)	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(4291082716)

Conversions

Conversions Part 1

Format	Color
Hex	C4B9DC
RGB	196, 185, 220
RGB Percent	77%, 73%, 86%
CMY	0.2314, 0.2745, 0.1373
CMYK	0.11, 0.16, 0.00, 0.14
HSL	259°, 33%, 79%
HSV	259°, 16%, 86%
XYZ	53.0322, 51.6010, 74.8750
YIQ	192.2790, -4.6790, 13.2170

Conversions

Conversions Part 2

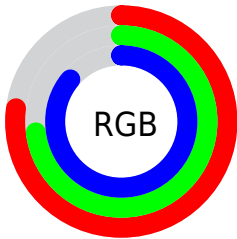
Format	Color
R_{YB}	196, 185, 220
Decimal	12892636
CIE _{Lab}	77.04, 10.59, -16.11
CIE _{LCh}	77, 19.281, 303.299
Yxy	51.6010, 0.2954, 0.2875
Android (android.graphics.Color)	4291082716 (0xFFC4B9DC)
YUV	192.2790, 13.6665, 3.2633
Hunter-Lab	71.8338, 6.0705, -11.5165

Details

The Android color `4291082716` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4291943609`, and the grayscale version is `4290822336`.

A 20% lighter version of the original color is `4294832639`, and `4287530149` is the 20% darker color. If you saturate the color by 10%, you get `4290094044`, and if you desaturate by 10%, it is `4292071388`.

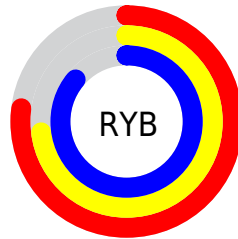
Distribution



Red (77%)

Green (73%)

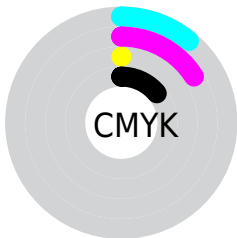
Blue (86%)



Red (77%)

Yellow (73%)

Blue (86%)

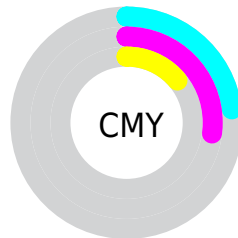


Cyan (11%)

Magenta (16%)

Yellow (0%)

Black (14%)



Cyan (23%)

Magenta (27%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291082716 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 4291082716 by changing the saturation by 10% instead.

 4291082716

 4291082716

4294967295

 4289306304


 4294832639

 4287530149

 4285819787

 4284240753

 4282661721

 4281148993

 4279767595

 4278190358

 4278190080

 4291082716

 4291082716

 4290094044

 4292071388

 4289105372

 4293060060

 4288116700

 4294048732

 4287128028

 4294967260

 4286139356

 4285085148

 4284096476

 4283107804

 4282712284

Harmonies

Analogous

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



4289576929



4291082716



4292326607

Triad

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



4291082716



4292524191



4287875520

Complementary

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



4291082716



4291943609

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.



4288858030



4291082716



4291477147

Square

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



4291082716



4293112747



4290167712



4287613137

Rectangle

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



4291082716



4292915907



4290167712



4288137401

Sweetspot

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



4291082716



4294374143



4290368220



4286216320



4278190080



4286611584

Same Dimension

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



4291082716



4292792319



4292196828



4284900206



4281729197



4279107630

Inverse Universe

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



4292655569



4294954992



4290829497



4285424490



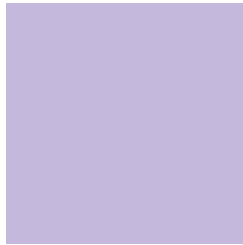
4289527927



4281204767

Previews

White Background



This preview shows how the Android color 4291082716 looks on a white background.

Color Contrast Check

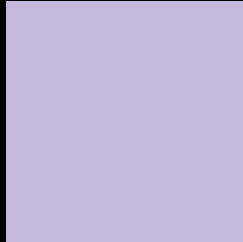
Large Text (above 18pt) WCAG AA × Fail

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 4291082716 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 4291082716 Background



This preview shows how black text looks on a background with the Android color 4291082716.



This preview shows how white text looks on a background with the Android color 4291082716.

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



Original Color
4291082716

Protanopia
4290297310

Deuteranopia
4291017436

Trichromacy



Original Color
4291082716

Protanomaly
4290559197

Deuteranomaly
4291017436

Tritanomaly
4290952145

Monochromacy



Original Color
4291082716

Achromatopsia
4290822336

Achromatomaly
4290887114

CSS Examples

Text

The CSS property to change the color of the text to Android 4291082716 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(196, 185, 220)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 220)  
}
```

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(196, 185, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 220) }
```

Border

The CSS property to change the border of an element to Android 4291082716 is called "border". The border property can be set on classes, ids or directly on the HTML element.

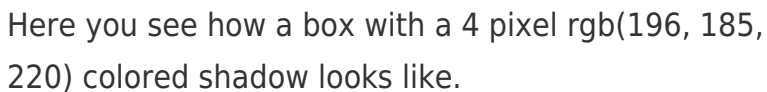
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 185, 220) }
```

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

```
.border{ border-color:rgb(196, 185, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 185, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 220);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
220) }
```

Background

The CSS property to change the background color of an element to Android 4291082716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 185, 220) }
```

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

```
.background{ background-color: rgb(196,  
185, 220) }
```

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