

Converting Colors

Android(4291593966)

Have a look what the booklet for
Android(4291593966) contains.

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Color

Android(4291593966)

Conversions

Conversions Part 1

Format	Color
Hex	CC86EE
RGB	204, 134, 238
RGB Percent	80%, 53%, 93%
CMY	0.2000, 0.4745, 0.0667
CMYK	0.14, 0.44, 0.00, 0.07
HSL	280°, 75%, 73%
HSV	280°, 44%, 93%
XYZ	48.8596, 36.0606, 85.2741
YIQ	166.7860, 8.3360, 47.1840

Conversions

Conversions Part 2

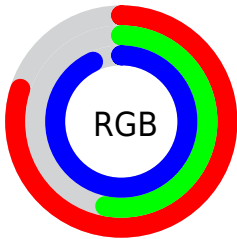
Format	Color
RYB	204, 134, 238
Decimal	13403886
CIELab	66.57, 44.65, -42.00
CIElCh	67, 61.295, 316.751
Yxy	36.0606, 0.2871, 0.2119
Android (android.graphics.Color)	4291593966 (0xFFCC86EE)
YUV	166.7860, 35.1085, 32.6367
Hunter-Lab	60.0505, 40.1466, -42.1589

Details

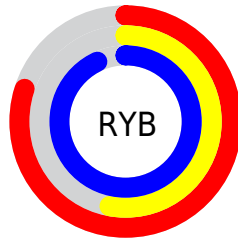
The Android color `4291593966` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `4289261190`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4294950399`, and `4287910582` is the 20% darker color. If you saturate the color by 10%, you get `4291063534`, and if you desaturate by 10%, it is `4292124398`.

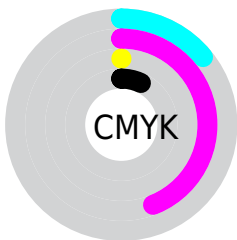
Distribution



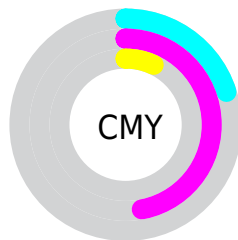
- Red (80%)
- Green (53%)
- Blue (93%)



- Red (80%)
- Yellow (53%)
- Blue (93%)



- Cyan (14%)
- Magenta (44%)
- Yellow (0%)
- Black (7%)





- Cyan (20%)
- Magenta (47%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291593966 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 4291593966 by changing the saturation by 10% instead.

 4291593966

 4291593966

4294967295

 4289752273

 4294950399

 4287910582

 4294957567

 4286134682

 4294964991

 4284358528

 4282646886


 4280942670


 4279369782

 4278190624

 4278190084

 4291593966

 4291593966

 4291063534

 4292124398

 4290533102

 4292654830

 4290068462

 4293119470

 4289538030

 4293649902

 4289007598

 4294180334

 4288676078

 4294705134

 4294967278

Harmonies

Analogous

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



4285898239



4291593966



4294603453

Triad

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



4291593966



4292056624



4278238656

Complementary

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



4291593966



4289261190

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.



4278238087



4291593966



4288850222

Square

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



4291593966



4294475859



4284593490



4278237681

Rectangle

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



4291593966



4294930072



4284593490



4278238637

Sweetspot

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



4291593966



4294237951



4287015406



4286147456



4278190080



4286611584

Same Dimension

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



4291593966



4292115199



4293822173



4285820024



4286316728



4280680504

Inverse Universe

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



4293822120



4294933158



4287032983



4286082160



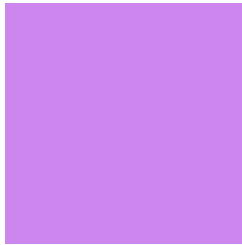
4290248764



4281860114

Previews

White Background



This preview shows how the Android color 4291593966 looks on a white background.

Color Contrast Check

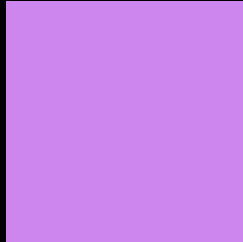
Large Text (above 18pt) WCAG AA × Fail

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 4291593966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

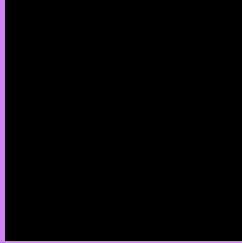
Any Text WCAG AA ✓ Pass

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 4291593966 Background



This preview shows how black text looks on a background with the Android color 4291593966.



This preview shows how white text looks on a background with the Android color 4291593966.

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
4290811811

Trichromacy



Original Color
4291593966



Protanomaly
4288321273



Deuteranomaly
4288714731



Tritanomaly
4291072446

Monochromacy



Original Color
4291593966



Achromatopsia
4289177511



Achromatomaly
4290026433

CSS Examples

Text

The CSS property to change the color of the text to Android 4291593966 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(204, 134, 238)` looks like.

```
.text, #text, p{  
    color:rgb(204, 134, 238)  
}
```

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(204, 134, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 134, 238) }
```

Border

The CSS property to change the border of an element to Android 4291593966 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(204, 134, 238) }
```

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

```
.border{ border-color:rgb(204, 134, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 134, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 134, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 134, 238);  
box-shadow:4px 4px 4px 4px rgb(204, 134,  
238) }
```

Background

The CSS property to change the background color of an element to Android 4291593966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 134, 238) }
```

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

```
.background{ background-color: rgb(204,  
134, 238) }
```

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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