

Converting Colors

Android(4291980009)

Have a look what the booklet for
Android(4291980009) contains.

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Color

Android(4291980009)

Conversions

Conversions Part 1

Format	Color
Hex	D26AE9
RGB	210, 106, 233
RGB Percent	82%, 42%, 91%
CMY	0.1765, 0.5843, 0.0863
CMYK	0.10, 0.55, 0.00, 0.09
HSL	289°, 74%, 66%
HSV	289°, 55%, 91%
XYZ	46.4404, 29.8929, 80.4130
YIQ	151.5740, 21.2170, 61.5450

Conversions

Conversions Part 2

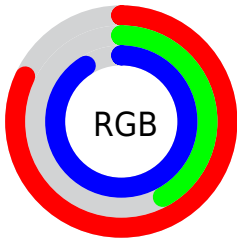
Format	Color
R _Y B	210, 106, 233
Decimal	13789929
CIE _{Lab}	61.56, 59.49, -47.05
CIE _{LCh}	62, 75.853, 321.660
Yxy	29.8929, 0.2963, 0.1907
Android (android.graphics.Color)	4291980009 (0xFFD26AE9)
YUV	151.5740, 40.1430, 51.2396
Hunter-Lab	54.6744, 55.9375, -48.9294

Details

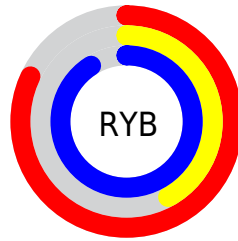
The Android color `4291980009` is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be `4286703978`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4294943231`, and `4288230065` is the 20% darker color. If you saturate the color by 10%, you get `4291711977`, and if you desaturate by 10%, it is `4292248041`.

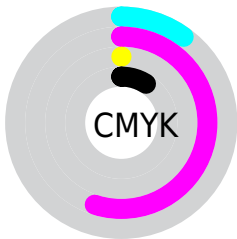
Distribution



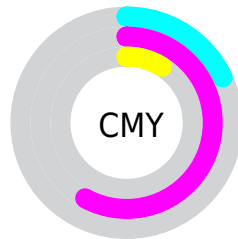
- Red (82%)
- Green (42%)
- Blue (91%)



- Red (82%)
- Yellow (42%)
- Blue (91%)



- Cyan (10%)
- Magenta (55%)
- Yellow (0%)
- Black (9%)





- Cyan (18%)
- Magenta (58%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291980009 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 4291980009 by changing the saturation by 10% instead.

 4291980009

 4291980009

4294967295

 4290072525

 4294943231

 4288230065

 4294950399

 4286386326

 4294957823

 4284547195

 4294965503

 4282777698

 4281204809

 4278976562

 4278190364

 4278190080

■ 4291980009

■ 4291980009

■ 4291711977

■ 4292248041

■ 4291443689

■ 4292516329

■ 4291110121

■ 4292849897

■ 4290842089

■ 4293117929

■ 4290707689

■ 4293386217

■ 4293654249

■ 4293984233

■ 4294246377

■ 4294508521

Harmonies

Analogous

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



4284976127



4291980009



4294921386

Triad

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



4291980009



4290939648



4278236101

Complementary

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



4291980009



4286703978

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.



4278235775



4291980009



4286881792

Square

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



4291980009



4294012200



4279675961



4278235134

Rectangle

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



4291980009



4294920573



4279675961



4278236078

Sweetspot

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



4291980009



4294498047



4285170153



4286277504



4278190080



4286611584

Same Dimension

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



4291980009



4292958719



4293487297



4285753973



4287889589



4281073718

Inverse Universe

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



4293487233



4294924663



4285196690



4285885036



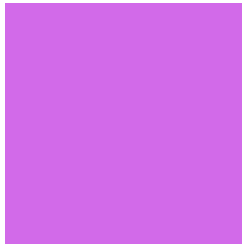
4290052129



4281729034

Previews

White Background



This preview shows how the Android color 4291980009 looks on a white background.

Color Contrast Check

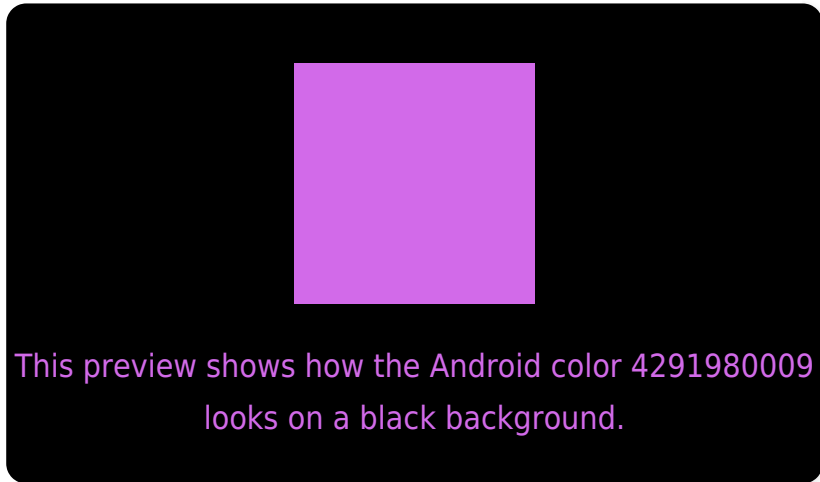
Large Text (above 18pt) WCAG AA ✓ Pass

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

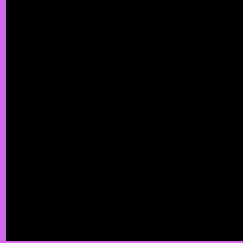
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4291980009 Background



This preview shows how black text looks on a background with the Android color 4291980009.




This preview shows how white text looks on a background with the Android color 4291980009.

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
4291134092

Trichromacy



Original Color

4291980009



Protanomaly

4287464439



Deuteranomaly

4287923684



Tritanomaly

4291459502

Monochromacy



Original Color

4291980009



Achromatopsia

4288190616



Achromatomaly

4289562549

CSS Examples

Text

The CSS property to change the color of the text to Android 4291980009 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(210, 106, 233)` looks like.

```
.text, #text, p{  
    color:rgb(210, 106, 233)  
}
```

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(210, 106, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 106, 233) }
```

Border

The CSS property to change the border of an element to Android 4291980009 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(210, 106, 233) }
```

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

```
.border{ border-color:rgb(210, 106, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 106, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 106, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 106, 233); box-shadow:4px 4px 4px 4px rgb(210, 106, 233) }
```

Background

The CSS property to change the background color of an element to Android 4291980009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 106, 233) }
```

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

```
.background{ background-color: rgb(210,  
106, 233) }
```

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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