

Converting Colors

Android(4291562733)

Have a look what the booklet for
Android(4291562733) contains.

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Color

Android(4291562733)

Conversions

Conversions Part 1

Format	Color
Hex	CC0CED
RGB	204, 12, 237
RGB Percent	80%, 5%, 93%
CMY	0.2000, 0.9529, 0.0706
CMYK	0.14, 0.95, 0.00, 0.07
HSL	291°, 90%, 49%
HSV	291°, 95%, 93%
XYZ	40.3194, 19.2147, 81.7045
YIQ	95.0580, 42.2070, 110.6790

Conversions

Conversions Part 2

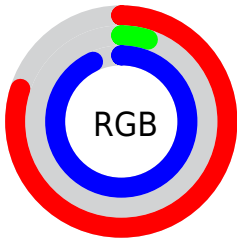
Format	Color
R_{YB}	204, 12, 237
Decimal	13372653
CIE _{Lab}	50.94, 87.17, -66.33
CIE _{LCh}	51, 109.535, 322.728
Yxy	19.2147, 0.2855, 0.1360
Android (android.graphics.Color)	4291562733 (0xFFCC0CED)
YUV	95.0580, 69.9774, 95.5421
Hunter-Lab	43.8346, 87.4749, -79.8280

Details

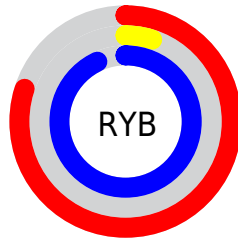
The Android color `4291562733` is a dark color, and the websafe version is hex `CC33FF`. The color can be described as middle washed magenta. A complement of this color would be `4281199884`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4294926847`, and `4287627444` is the 20% darker color. If you saturate the color by 10%, you get `4291428589`, and if you desaturate by 10%, it is `4291765485`.

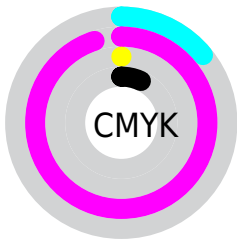
Distribution



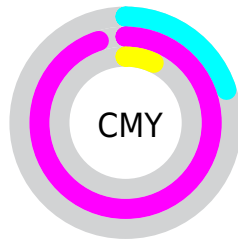
- Red (80%)
- Green (5%)
- Blue (93%)



- Red (80%)
- Yellow (5%)
- Blue (93%)



- Cyan (14%)
- Magenta (95%)
- Yellow (0%)
- Black (7%)




- Cyan (20%)
- Magenta (95%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291562733 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 4291562733 by changing the saturation by 10% instead.

 4291562733

 4291562733

4294967295

 4289593552

 4294926847

 4287627444

 4294935039

 4285661336

 4294942719

 4283760766

 4294950399

 4281925732

 4294958079

 4279500875

 4294966015

 4278190131

 4278190621

 4278190080

■ 4291562733

■ 4291562733

■ 4291428589

■ 4291765485

■ 4292033517

■ 4292236269

■ 4292504557

■ 4292707309

■ 4292975341

■ 4293178093

■ 4293446381

■ 4293648877

Harmonies

Analogous

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



4278217983



4291562733



4294901908

Triad

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



4291562733



4289162752



4278230208

Complementary

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



4291562733



4281199884

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.



4278229599



4291562733



4283205888

Square

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



4291562733



4293406976



4278228224



4278230015

Rectangle

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



4291562733



4294901847



4278228224



4278230177

Sweetspot

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



4291562733



4294293759



4278988525



4286141568



4278190080



4286611584

Same Dimension

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



4291562733



4292477183



4293725342



4285819509



4288282805



4281204790

Inverse Universe

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



4293725229



4294901797



4279037275



4285885035



4290052123



4281729032

Previews

White Background



This preview shows how the Android color 4291562733 looks on a white background.

Color Contrast Check

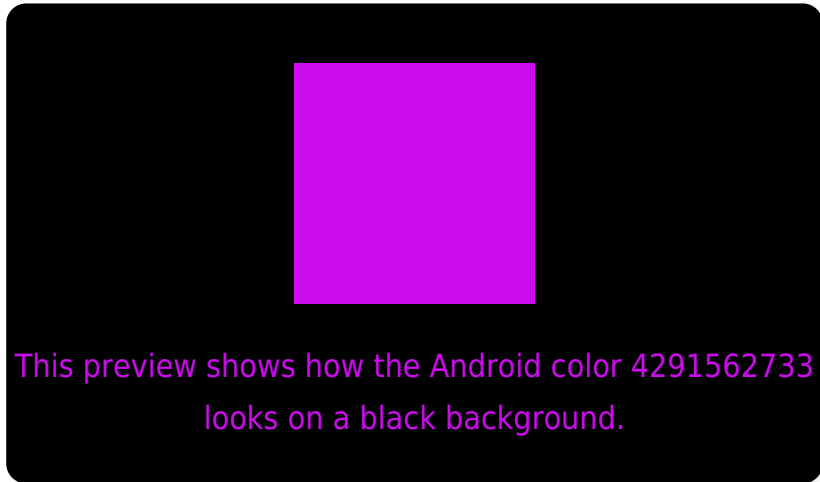
Large Text (above 18pt) WCAG AA ✓ Pass

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 4291562733 Background



This preview shows how black text looks on a background with the Android color 4291562733.



This preview shows how white text looks on a background with the Android color 4291562733.

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
4291562733

Protanopia
4278220537

Deuteranopia
4278222044

Trichromacy



Original Color

4291562733



Protanomaly

4283060213



Deuteranomaly

4283061218



Tritanomaly

4290855062

Monochromacy



Original Color

4291562733



Achromatopsia

4284440415



Achromatomaly

4287054227

CSS Examples

Text

The CSS property to change the color of the text to Android 4291562733 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, 12, 237)` looks like.

```
.text, #text, p{  
    color:rgb(204, 12, 237)  
}
```

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, 12, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 12, 237) }
```

Border

The CSS property to change the border of an element to Android 4291562733 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, 12, 237) }
```

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

```
.border{ border-color:rgb(204, 12, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 12, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 12, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 12, 237);  
box-shadow:4px 4px 4px 4px rgb(204, 12,  
237) }
```

Background

The CSS property to change the background color of an element to Android 4291562733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 12, 237) }
```

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

```
.background{ background-color: rgb(204, 12,  
237) }
```

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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