

Converting Colors

Android(4292641023)

Have a look what the booklet for
Android(4292641023) contains.

Android(4292641023)	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(4292641023)

Conversions

Conversions Part 1

Format	Color
Hex	DC80FF
RGB	220, 128, 255
RGB Percent	86%, 50%, 100%
CMY	0.1373, 0.4980, 0.0000
CMYK	0.14, 0.50, 0.00, 0.00
HSL	283°, 100%, 75%
HSV	283°, 50%, 100%
XYZ	55.2844, 37.8740, 99.0043
YIQ	169.9860, 14.0650, 59.0010

Conversions

Conversions Part 2

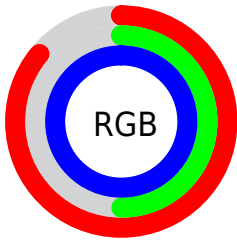
Format	Color
R _Y B	220, 128, 255
Decimal	14450943
CIE _{Lab}	67.93, 55.62, -49.06
CIE _{LCh}	68, 74.160, 318.586
Y _{xy}	37.8740, 0.2877, 0.1971
Android (android.graphics.Color)	4292641023 (0xFFDC80FF)
YUV	169.9860, 41.9119, 43.8623
Hunter-Lab	61.5418, 52.6522, -52.3024

Details

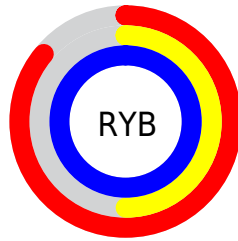
The Android color `4292641023` is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be `4288937856`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4294948863`, and `4288826054` is the 20% darker color. If you saturate the color by 10%, you get `4292175871`, and if you desaturate by 10%, it is `4293106431`.

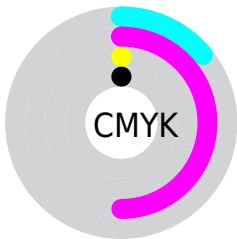
Distribution



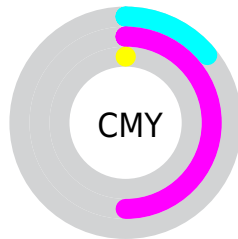
- Red (86%)
- Green (50%)
- Blue (100%)



- Red (86%)
- Yellow (50%)
- Blue (100%)



- Cyan (14%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (50%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4292641023 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 4292641023 by changing the saturation by 10% instead.

 4292641023

 4292641023

4294967295

 4290733538

 4294948863

 4288826054

 4294956287

 4286984106

 4294963711

 4285206159

 4283433077

 4281663580

 4280025155

 4278190124

 4278190358

■ 4292641023

■ 4292641023

■ 4292175871

■ 4293106431

■ 4291710463

■ 4293571583

■ 4291245055

■ 4294036991

■ 4290779903

■ 4294502143

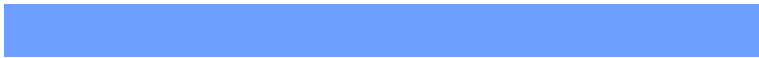
■ 4290314495

4294967295

Harmonies

Analogous

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



4285374463



4292641023



4294927810

Triad

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



4292641023



4292581632



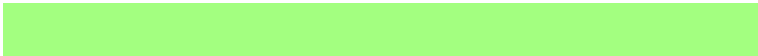
4278240462

Complementary

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



4292641023



4288937856

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.



4278240137



4292641023



4288589568

Square

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



4292641023



4294933826



4282956870



4278239743

Rectangle

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



4292641023



4294926485



4282956870



4278240440

Sweetspot

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



4292641023



4294236671



4286620927



4286146944



4278190080



4286611584

Same Dimension

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



4292641023



4292175615



4294934755



4286346112



4287299775



4281204800

Inverse Universe

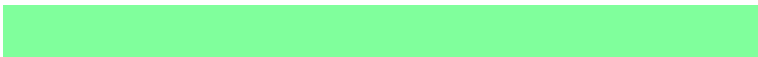
The Inverse Universe completely reimagines the original color for something new.



4294934691



4294928016



4286644124



4286608246



4290707509



4282384402

Previews

White Background



This preview shows how the Android color 4292641023 looks on a white background.

Color Contrast Check

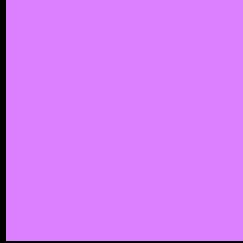
Large Text (above 18pt) WCAG AA × Fail

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 4292641023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

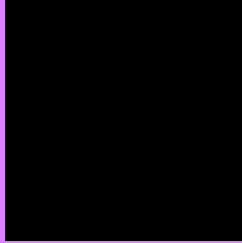
Any Text WCAG AA ✓ Pass

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 4292641023 Background



This preview shows how black text looks on a background with the Android color 4292641023.



This preview shows how white text looks on a background with the Android color 4292641023.

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
4292641023

Protanopia
4286817279

Deuteranopia
4286621176



Tritanopia
4291729058

Trichromacy



Original Color

4292641023



Protanomaly

4288911103



Deuteranomaly

4288780539

Tritanomaly

4292054724

Monochromacy



Original Color

4292641023



Achromatopsia

4289374890



Achromatomaly

4290550729

CSS Examples

Text

The CSS property to change the color of the text to Android 4292641023 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(220, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 128, 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(220, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 128, 255) }
```

Border

The CSS property to change the border of an element to Android 4292641023 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(220, 128, 255) }
```

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

```
.border{ border-color:rgb(220, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 128,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4292641023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 128, 255) }
```

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

```
.background{ background-color: rgb(220,  
128, 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](#).

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