

Converting Colors

Android(4286251192)

Have a look what the booklet for
Android(4286251192) contains.

Android(4286251192)	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(4286251192)

Conversions

Conversions Part 1

Format	Color
Hex	7B00B8
RGB	123, 0, 184
RGB Percent	48%, 0%, 72%
CMY	0.5176, 1.0000, 0.2784
CMYK	0.33, 1.00, 0.00, 0.28
HSL	280°, 100%, 36%
HSV	280°, 100%, 72%
XYZ	16.8201, 7.6716, 45.9417
YIQ	57.7530, 14.2440, 83.3000

Conversions

Conversions Part 2

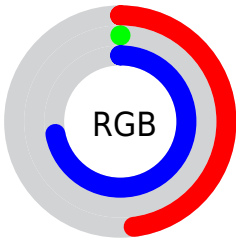
Format	Color
RYB	123, 0, 184
Decimal	8061112
CIELab	33.29, 68.26, -65.03
CIELCh	33, 94.276, 316.391
Yxy	7.6716, 0.2388, 0.1089
Android (android.graphics.Color)	4286251192 (0xFF7B00B8)
YUV	57.7530, 62.2398, 57.2216
Hunter-Lab	27.6977, 59.9273, -78.9547

Details

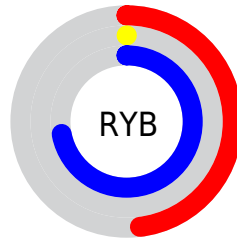
The Android color **4286251192** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **4282234880**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4290071537**, and **4282384514** is the 20% darker color. If you saturate the color by 10%, you get **4286251192**, and if you desaturate by 10%, it is **4286649016**.

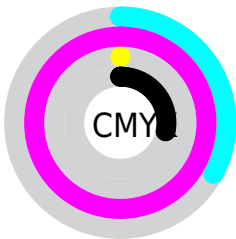
Distribution



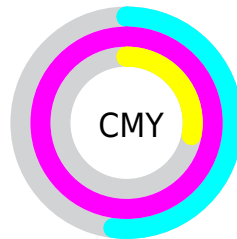
- Red (48%)
- Green (0%)
- Blue (72%)



- Red (48%)
- Yellow (0%)
- Blue (72%)



- Cyan (33%)
- Magenta (100%)
- Yellow (0%)
- Black (28%)



- Cyan (52%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286251192 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 4286251192 by changing the saturation by 10% instead.

 4286251192

 4286251192

4294967295

 4284350620

 4290071537

 4282384514

 4292045055

 4280352872

 4294018303

 4278190158

 4294942975

 4278191414

 4294950143

 4278190624

 4294957567

 4278190084

 4294965247

 4278190080

 4286251192

 4286649016

 4287047096

 4287444920

 4287843000

 4288306360

 4288704184

 4289102264

 4289500088

 4289898168

Harmonies

Analogous

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



4278210019



4286251192



4290379892

Triad

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



4286251192



4286332416



4278216823

Complementary

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



4286251192



4282234880

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.



4278216231



4286251192



4281948160

Square

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



4286251192



4289396736



4278215168



4278217148

Rectangle

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



4286251192



4291100739



4278215168



4278216541

Sweetspot

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



4286251192



4292389104



4278205880



4285156728



4294440951



4286085240

Same Dimension

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



4286251192



4288676080



4290248857



4284044124



4285005980



4279435292

Inverse Universe

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



4290248765



4293918799



4278237215



4284240726



4288413748



4280025097

Previews

White Background



This preview shows how the Android color 4286251192 looks on a white background.

Color Contrast Check

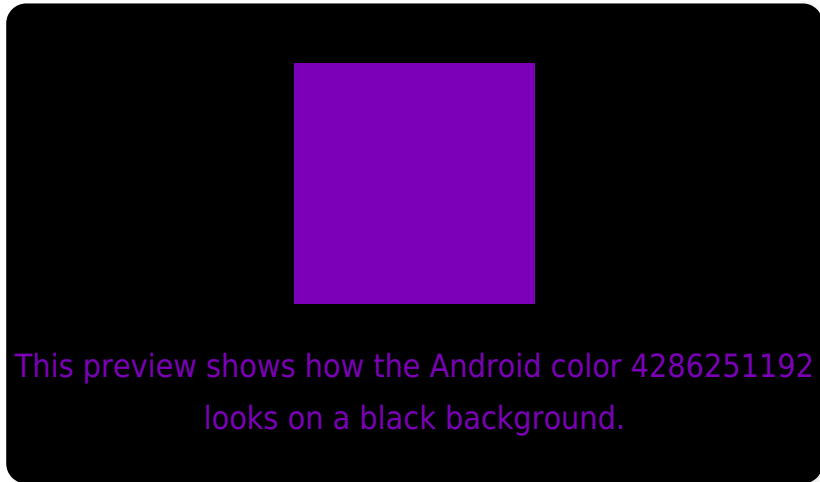
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Android 4286251192 Background



This preview shows how black text looks on a background with the Android color 4286251192.



This preview shows how white text looks on a background with the Android color 4286251192.

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
4286251192

Protanopia
4278210212

Deuteranopia
4278211470

Trichromacy



Original Color

4286251192



Protanomaly

4281152171



Deuteranomaly

4281152925



Tritanomaly

4285476468

Monochromacy



Original Color

4286251192



Achromatopsia

4282006074



Achromatomaly

4283573608

CSS Examples

Text

The CSS property to change the color of the text to Android 4286251192 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(123, 0, 184)` looks like.

```
.text, #text, p{  
    color:rgb(123, 0, 184)  
}
```

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(123, 0, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 0, 184) }
```

Border

The CSS property to change the border of an element to Android 4286251192 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(123, 0, 184) }
```

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

```
.border{ border-color:rgb(123, 0, 184) }
```

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

Here you see how a box with a 4 pixel rgb(123, 0, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 0, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 0, 184);  
box-shadow:4px 4px 4px 4px rgb(123, 0,  
184) }
```

Background

The CSS property to change the background color of an element to Android 4286251192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 0, 184) }
```

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

```
.background{ background-color: rgb(123, 0,  
184) }
```

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