

Converting Colors

Android(4286709913)

Have a look what the booklet for
Android(4286709913) contains.

Android(4286709913)	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(4286709913)

Conversions

Conversions Part 1

Format	Color
Hex	820099
RGB	130, 0, 153
RGB Percent	51%, 0%, 60%
CMY	0.4902, 1.0000, 0.4000
CMYK	0.15, 1.00, 0.00, 0.40
HSL	291°, 100%, 30%
HSV	291°, 100%, 60%
XYZ	14.9557, 7.0457, 30.7087
YIQ	56.3120, 28.3670, 75.1430

Conversions

Conversions Part 2

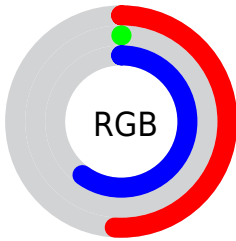
Format	Color
RYB	130, 0, 153
Decimal	8519833
CIELab	31.91, 63.42, -48.55
CIELCh	32, 79.875, 322.564
Yxy	7.0457, 0.2837, 0.1337
Android (android.graphics.Color)	4286709913 (0xFF820099)
YUV	56.3120, 47.6672, 64.6244
Hunter-Lab	26.5438, 54.1214, -50.0123

Details

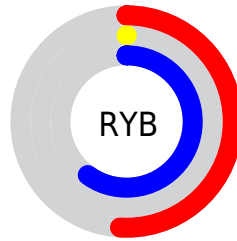
The Android color **4286709913** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **4279736576**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4290464464**, and **4283105381** is the 20% darker color. If you saturate the color by 10%, you get **4286709913**, and if you desaturate by 10%, it is **4286844825**.

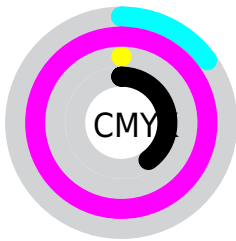
Distribution



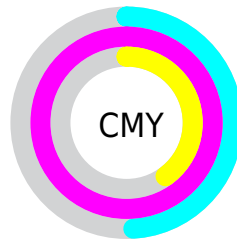
- Red (51%)
- Green (0%)
- Blue (60%)



- Red (51%)
- Yellow (0%)
- Blue (60%)



- Cyan (15%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (49%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286709913 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 4286709913 by changing the saturation by 10% instead.

 4286709913

 4286709913

4294967295

 4284874879

 4290464464

 4283105381

 4292372205

 4281401420

 4294345471

 4279369781

 4294942463

 4278190622

 4294949887

 4278190080

 4294957311

 4294964735

 4286709913

■ 4286844825

■ 4287045529

■ 4287180441

■ 4287315353

■ 4287450521

■ 4287650969

■ 4287785881

■ 4287920793

■ 4288121497

Harmonies

Analogous

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



4278207426



4286709913



4289462366

Triad

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



4286709913



4285154304



4278215290

Complementary

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



4286709913



4279736576

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.



4278214969



4286709913



4281161216

Square

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



4286709913



4287961344



4278214144



4278215088

Rectangle

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



4286709913



4289790005



4278214144



4278215269

Sweetspot

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



4286709913



4290677703



4278196889



4284366947



4293125091



4284703587

Same Dimension

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



4286709913



4289265863



4288217190



4283123021



4285989004



4278910989

Inverse Universe

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



4288217111



4291231774



4278229299



4283254086



4287365141



4279042050

Previews

White Background



This preview shows how the Android color 4286709913 looks on a white background.

Color Contrast Check

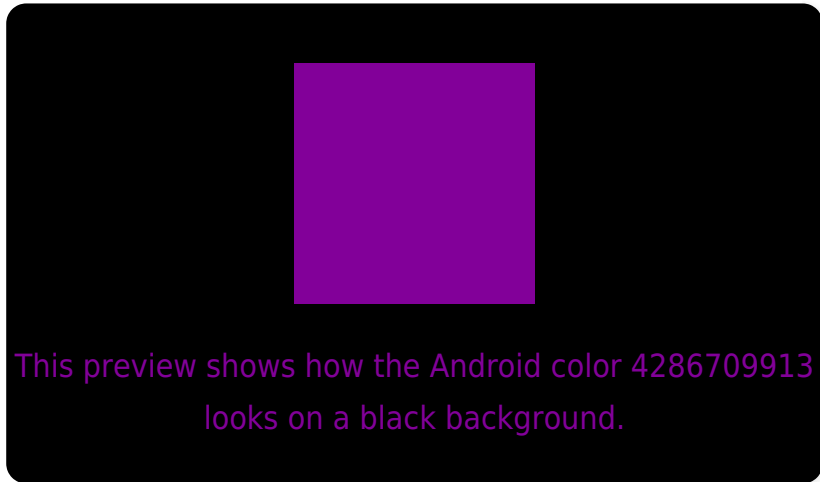
Large Text (above 18pt) WCAG AA ✓ Pass

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

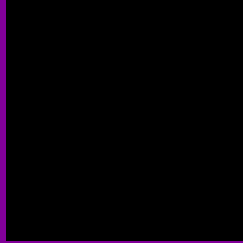
Any Text WCAG AA × Fail

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 4286709913 Background



This preview shows how black text looks on a background with the Android color 4286709913.



This preview shows how white text looks on a background with the Android color 4286709913.

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

4286709913

Protanopia

4278209439

Deuteranopia

4278210700

Trichromacy



Original Color

4286709913



Protanomaly

4281282717



Deuteranomaly

4281283473



Tritanomaly

4286195296

Monochromacy



Original Color

4286709913



Achromatopsia

4281874488



Achromatomaly

4283638875

CSS Examples

Text

The CSS property to change the color of the text to Android 4286709913 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(130, 0, 153)` looks like.

```
.text, #text, p{  
    color:rgb(130, 0, 153)  
}
```

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(130, 0, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 0, 153) }
```

Border

The CSS property to change the border of an element to Android 4286709913 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(130, 0, 153) }
```

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

```
.border{ border-color:rgb(130, 0, 153) }
```

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

Here you see how a box with a 4 pixel rgb(130, 0, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 0, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 0, 153);  
box-shadow:4px 4px 4px 4px rgb(130, 0,  
153) }
```

Background

The CSS property to change the background color of an element to Android 4286709913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 0, 153) }
```

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

```
.background{ background-color: rgb(130, 0,  
153) }
```

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