

Converting Colors

Android(4286713738)

Have a look what the booklet for
Android(4286713738) contains.

Android(4286713738)	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(4286713738)

Conversions

Conversions Part 1

Format	Color
Hex	820F8A
RGB	130, 15, 138
RGB Percent	51%, 6%, 54%
CMY	0.4902, 0.9412, 0.4588
CMYK	0.06, 0.89, 0.00, 0.46
HSL	296°, 80%, 30%
HSV	296°, 89%, 54%
XYZ	13.9642, 6.9225, 24.6449
YIQ	63.4070, 29.0570, 62.6330

Conversions

Conversions Part 2

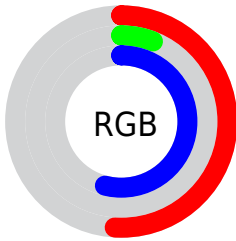
Format	Color
R_{YB}	130, 15, 138
Decimal	8523658
CIE Lab	31.63, 58.53, -39.77
CIE LCh	32, 70.763, 325.809
Yxy	6.9225, 0.3067, 0.1520
Android (android.graphics.Color)	4286713738 (0xFF820F8A)
YUV	63.4070, 36.7743, 58.4021
Hunter-Lab	26.3106, 48.6945, -37.1192

Details

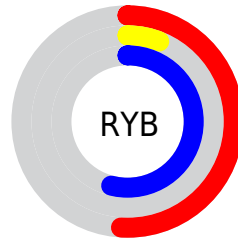
The Android color **4286713738** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **4279732751**, and the grayscale version is **4282335039**.

A 20% lighter version of the original color is **4290400192**, and **4283170903** is the 20% darker color. If you saturate the color by 10%, you get **4286644618**, and if you desaturate by 10%, it is **4286782858**.

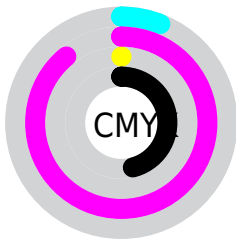
Distribution



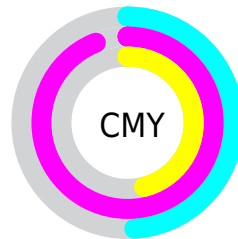
- Red (51%)
- Green (6%)
- Blue (54%)



- Red (51%)
- Yellow (6%)
- Blue (54%)



- Cyan (6%)
- Magenta (89%)
- Yellow (0%)
- Black (46%)



- Cyan (49%)
- Magenta (94%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286713738 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 4286713738 by changing the saturation by 10% instead.

 4286713738

 4286713738

4294967295

 4284940400

 4290400192

 4283170903

 4292307676

 4281598015

 4294280697

 4279566376

 4294943231

 4278190354

 4294950655

 4278190080

 4294957823

 4294965503

 4286713738

 4286713738

■ 4286644618

■ 4286782858

■ 4286644362

■ 4286851978

■ 4286920842

■ 4286989962

■ 4286993546

■ 4287062666

■ 4287131786

■ 4287200650

■ 4287269770

Harmonies

Analogous

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



4279582641



4286713738



4288872533

Triad

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



4286713738



4284630528



4278214778

Complementary

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



4286713738



4279732751

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.



4278214465



4286713738



4281029888

Square

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



4286713738



4287309824



4278213632



4278214311

Rectangle

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



4286713738



4289069105



4278213632



4278214759

Sweetspot

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



4286713738



4289692339



4279179146



4283907417



4292467161



4284045657

Same Dimension

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



4286713738



4289134771



4287237973



4282662469



4286316677



4278517765

Inverse Universe

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



4287237911



4289921036



4279208516



4282727998



4286906377



4278517760

Previews

White Background



This preview shows how the Android color 4286713738 looks on a white background.

Color Contrast Check

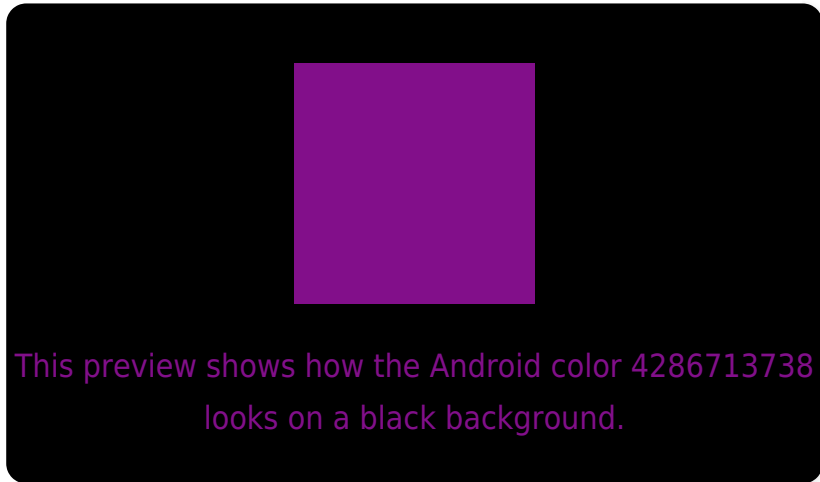
Large Text (above 18pt) WCAG AA ✓ Pass

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

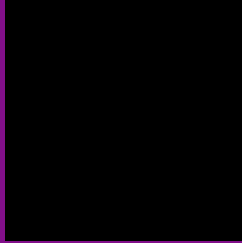
Any Text WCAG AA × Fail

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 4286713738 Background



This preview shows how black text looks on a background with the Android color 4286713738.



This preview shows how white text looks on a background with the Android color 4286713738.

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

4286713738

Protanopia

4278209180

Deuteranopia

4280634754

Trichromacy



Original Color

4286713738



Protanomaly

4281283989



Deuteranomaly

4282857093



Tritanomaly

4286326872

Monochromacy



Original Color

4286713738



Achromatopsia

4282335039



Achromatomaly

4283903578

CSS Examples

Text

The CSS property to change the color of the text to Android 4286713738 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, 15, 138)` looks like.

```
.text, #text, p{  
    color:rgb(130, 15, 138)  
}
```

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, 15, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 15, 138) }
```

Border

The CSS property to change the border of an element to Android 4286713738 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, 15, 138) }
```

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

```
.border{ border-color:rgb(130, 15, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 15, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 15, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 15, 138);  
box-shadow:4px 4px 4px 4px rgb(130, 15,  
138) }
```

Background

The CSS property to change the background color of an element to Android 4286713738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 15, 138) }
```

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

```
.background{ background-color: rgb(130, 15,  
138) }
```

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