

Converting Colors

Android(4286801663)

Have a look what the booklet for
Android(4286801663) contains.

Android(4286801663)	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(4286801663)

Conversions

Conversions Part 1

Format	Color
Hex	8366FF
RGB	131, 102, 255
RGB Percent	51%, 40%, 100%
CMY	0.4863, 0.6000, 0.0000
CMYK	0.49, 0.60, 0.00, 0.00
HSL	251°, 100%, 70%
HSV	251°, 60%, 100%
XYZ	32.1614, 21.5480, 97.0718
YIQ	128.1130, -31.8290, 53.7310

Conversions

Conversions Part 2

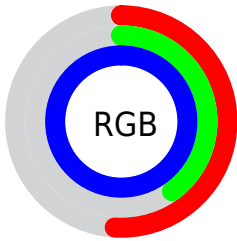
Format	Color
RYB	131, 102, 255
Decimal	8611583
CIELab	53.54, 48.66, -72.59
CIELCh	54, 87.387, 303.837
Yxy	21.5480, 0.2133, 0.1429
Android (android.graphics.Color)	4286801663 (0xFF8366FF)
YUV	128.1130, 62.5553, 2.5319
Hunter-Lab	46.4199, 42.4368, -91.4916

Details

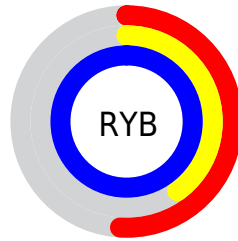
The Android color `4286801663` is a light color, and the websafe version is hex `9966FF`. A complement of this color would be `4293066598`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4290747135`, and `4282594757` is the 20% darker color. If you saturate the color by 10%, you get `4285419007`, and if you desaturate by 10%, it is `4288184575`.

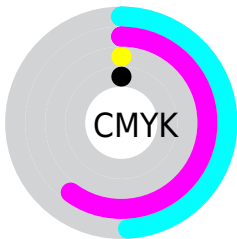
Distribution



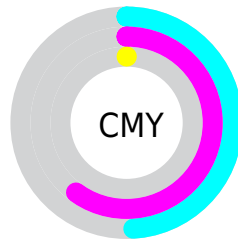
- Red (51%)
- Green (40%)
- Blue (100%)



- Red (51%)
- Yellow (40%)
- Blue (100%)



- Cyan (49%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286801663 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 4286801663 by changing the saturation by 10% instead.

 4286801663

 4286801663

4294967295

 4284763618

 4290747135

 4282594757

 4292785663

 4279770537

 4294758911

 4278191502

 4294962943

 4278190195

 4278190170

 4278191937

 4278190890

 4278190356

■ 4286801663

■ 4286801663

■ 4285419007

■ 4288184575

■ 4284101631

■ 4289501695

■ 4282718719

■ 4290884607

■ 4281336063

■ 4292267263

■ 4293584639

4294967295

Harmonies

Analogous

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



4278224895



4286801663



4292751300

Triad

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



4286801663



4291715328



4278230920

Complementary

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



4286801663



4293066598

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.



4278229815



4286801663



4287856640

Square

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



4286801663



4294257968



4282421760



4278230995

Rectangle

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



4286801663



4294508691



4282421760



4278230637

Sweetspot

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



4286801663



4292530687



4284933119



4285096832



4278190080



4286611584

Same Dimension

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



4286801663



4285155327



4291782399



4285887360



4280549567



4278976576

Inverse Universe

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



4294928098



4294920156



4288085862



4286608253



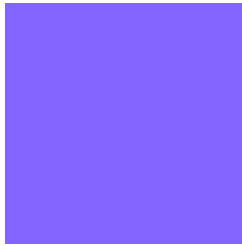
4290707611



4282384436

Previews

White Background



This preview shows how the Android color 4286801663 looks on a white background.

Color Contrast Check

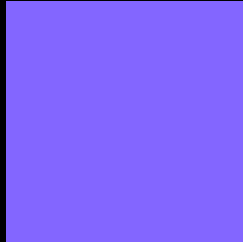
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4286801663 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 × Fail

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

Android 4286801663 Background



This preview shows how black text looks on a background with the Android color 4286801663.



This preview shows how white text looks on a background with the Android color 4286801663.

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



Trichromacy



Original Color

4286801663



Protanomaly

4282872831



Deuteranomaly

4281366765



Tritanomaly

4285495992

Monochromacy



Original Color

4286801663



Achromatopsia

4286611584



Achromatomaly

4286674862

CSS Examples

Text

The CSS property to change the color of the text to Android 4286801663 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(131, 102, 255)` looks like.

```
.text, #text, p{  
    color:rgb(131, 102, 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(131, 102, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 102, 255) }
```

Border

The CSS property to change the border of an element to Android 4286801663 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(131, 102, 255) }
```

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

```
.border{ border-color:rgb(131, 102, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 102, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 102, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 102, 255);  
box-shadow:4px 4px 4px 4px rgb(131, 102,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4286801663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 102, 255) }
```

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

```
.background{ background-color: rgb(131,  
102, 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](#).

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