

Converting Colors

Android(4287984127)

Have a look what the booklet for
Android(4287984127) contains.

Android(4287984127)	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(4287984127)

Conversions

Conversions Part 1

Format	Color
Hex	9571FF
RGB	149, 113, 255
RGB Percent	58%, 44%, 100%
CMY	0.4157, 0.5569, 0.0000
CMYK	0.42, 0.56, 0.00, 0.00
HSL	255°, 100%, 72%
HSV	255°, 56%, 100%
XYZ	36.3496, 25.4198, 97.5984
YIQ	139.9520, -24.1260, 51.7940

Conversions

Conversions Part 2

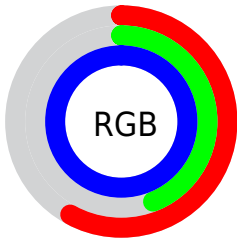
Format	Color
R_{YB}	149, 113, 255
Decimal	9794047
CIE _{Lab}	57.48, 46.20, -66.14
CIE _{LCh}	57, 80.679, 304.932
Yxy	25.4198, 0.2281, 0.1595
Android (android.graphics.Color)	4287984127 (0xFF9571FF)
YUV	139.9520, 56.7187, 7.9351
Hunter-Lab	50.4181, 40.4602, -79.4799

Details

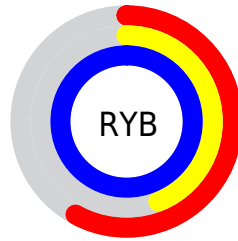
The Android color `4287984127` is a light color, and the websafe version is hex `9966FF`. A complement of this color would be `4292607857`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4291864319`, and `4284104645` is the 20% darker color. If you saturate the color by 10%, you get `4286732543`, and if you desaturate by 10%, it is `4289235967`.

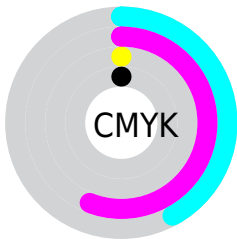
Distribution



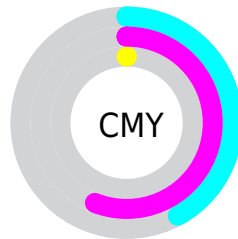
- Red (58%)
- Green (44%)
- Blue (100%)



- Red (58%)
- Yellow (44%)
- Blue (100%)



- Cyan (42%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287984127 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 4287984127 by changing the saturation by 10% instead.

 4287984127

 4287984127

4294967295

 4286077154

 4291864319

 4284104645

 4293837311

 4282001321

 4294958847

 4279111566

 4294966015

 4278190196

 4278190170

 4278191938

 4278190891

 4278190357

■ 4287984127

■ 4287984127

■ 4286732543

■ 4289235967

■ 4285480703

■ 4290487551

■ 4284228863

■ 4291739391

■ 4282977279

■ 4292990975

■ 4282450175

■ 4294242815

4294967295

Harmonies

Analogous

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



4278227199



4287984127



4293216455

Triad

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



4287984127



4292177664



4278233236

Complementary

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



4287984127



4292607857

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.



4278232394



4287984127



4288514816

Square

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



4287984127



4294592829



4283538432



4278233306

Rectangle

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



4287984127



4294848665



4283538432



4278233211

Sweetspot

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



4287984127



4292859135



4285652223



4285294208



4278190080



4286611584

Same Dimension

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



4287984127



4286534911



4292637183



4285952896



4281335999



4279238720

Inverse Universe

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



4294930907



4294923476



4287954801



4286608252



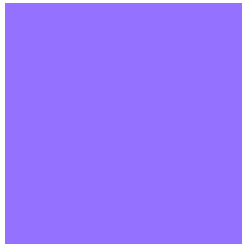
4290707599



4282384432

Previews

White Background



This preview shows how the Android color 4287984127 looks on a white background.

Color Contrast Check

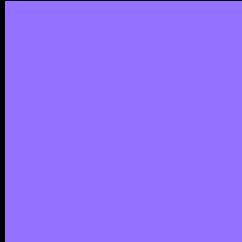
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287984127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

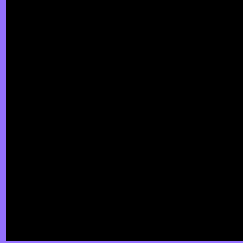
Any Text WCAG AA ✓ Pass

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 4287984127 Background



This preview shows how black text looks on a background with the Android color 4287984127.



This preview shows how white text looks on a background with the Android color 4287984127.

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
4287984127

Protanomaly
4284841727

Deuteranomaly
4281828091

Tritanomaly
4286939837

Monochromacy



Original Color
4287984127

Achromatopsia
4287401100

Achromatomaly
4287595190

CSS Examples

Text

The CSS property to change the color of the text to Android 4287984127 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(149, 113, 255)` looks like.

```
.text, #text, p{  
    color:rgb(149, 113, 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(149, 113, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 113, 255) }
```

Border

The CSS property to change the border of an element to Android 4287984127 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(149, 113, 255) }
```

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

```
.border{ border-color:rgb(149, 113, 255) }
```

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

Here you see how a box with a 4 pixel rgb(149, 113, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 113, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 113, 255);  
box-shadow:4px 4px 4px 4px rgb(149, 113,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4287984127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 113, 255) }
```

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

```
.background{ background-color: rgb(149,  
113, 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