

# Converting Colors

Android(4287920114)

Have a look what the booklet for  
Android(4287920114) contains.

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# **Color**

**Android(4287920114)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9477F2
RGB	148, 119, 242
RGB Percent	58%, 47%, 95%
CMY	0.4196, 0.5333, 0.0510
CMYK	0.39, 0.51, 0.00, 0.05
HSL	254°, 83%, 71%
HSV	254°, 51%, 95%
XYZ	34.8366, 25.9004, 87.1676
YIQ	141.6930, -22.1990, 44.4010

# Conversions

## Conversions Part 2

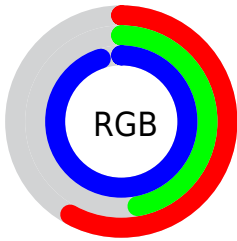
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	148, 119, 242
Decimal	9730034
CIE Lab	57.94, 39.11, -58.22
CIE LCh	58, 70.135, 303.889
Yxy	25.9004, 0.2355, 0.1751
Android (android.graphics.Color)	4287920114 (0xFF9477F2)
YUV	141.6930, 49.4514, 5.5312
Hunter-Lab	50.8924, 33.1242, -65.9262

# Details

The Android color `4287920114` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4292211319`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4291734783`, and `4284171961` is the 20% darker color. If you saturate the color by 10%, you get `4286734322`, and if you desaturate by 10%, it is `4289105906`.

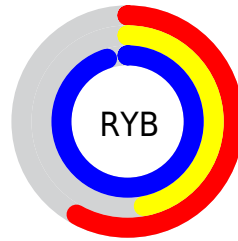
# Distribution



Red (58%)

Green (47%)

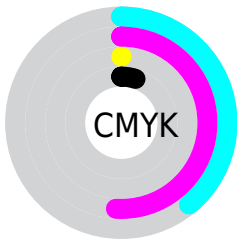
Blue (95%)



Red (58%)

Yellow (47%)

Blue (95%)

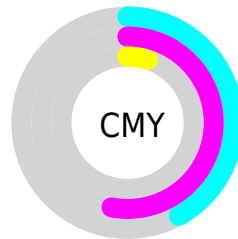


Cyan (39%)

Magenta (51%)

Yellow (0%)

Black (5%)



Cyan (42%)

Magenta (53%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287920114 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 4287920114 by changing the saturation by 10% instead.



 4287920114

 4287920114

4294967295

 4286078677

 4291734783

 4284171961

 4293642239

 4282199710

 4294960383

 4279900291

 4278190953

 4278190160

 4278191416

 4278190626

 4278190087

■ 4287920114

■ 4287920114

■ 4286734322

■ 4289105906

■ 4285482994

■ 4290357234

■ 4284296946

■ 4291543282

■ 4283045618

■ 4292794610

■ 4281925874

■ 4293980402

■ 4294967282

# Harmonies

## Analogous

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



4278227199



4287920114



4292499650

# Triad

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



4287920114



4291916557



4278232978

# Complementary

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



4287920114



4292211319

# 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.



4278231890



4287920114



4288711424

# Square

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



4287920114



4293941066



4284521230



4278232782

# Rectangle

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



4287920114



4294003355



4284521230



4278232700



# Sweetspot

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



4287920114



4293057023



4286043634



4285426048



4278190080



4286611584



# Same Dimension

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



4287920114



4287128575



4291917810



4285492344



4281008312



4279042104



# Inverse Universe

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



4294080469



4294927322



4288213623



4286082165



4290248844

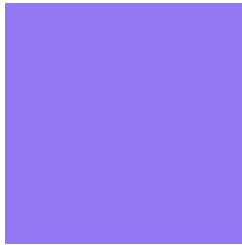


4281860139



# Previews

## White Background



This preview shows how the Android color 4287920114 looks on a white background.

## Color Contrast Check

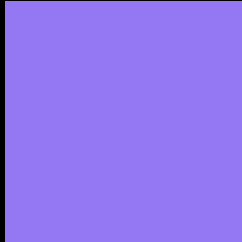
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287920114 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 4287920114 Background



This preview shows how black text looks on a background with the Android color 4287920114.



This preview shows how white text looks on a background with the Android color 4287920114.

# 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**  
4287920114



**Protanomaly**  
4285039098



**Deuteranomaly**  
4284515567



**Tritanomaly**  
4287071673

# Monochromacy



**Original Color**  
4287920114



**Achromatopsia**  
4287532686



**Achromatomaly**  
4287661746

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287920114 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(148, 119, 242)` looks like.

```
.text, #text, p{  
    color:rgb(148, 119, 242)  
}
```

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(148, 119, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 119, 242) }
```

## Border

The CSS property to change the border of an element to Android 4287920114 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(148, 119, 242) }
```

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

```
.border{ border-color:rgb(148, 119, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 119, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 119, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 119, 242);  
box-shadow:4px 4px 4px 4px rgb(148, 119,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4287920114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 119, 242) }
```

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

```
.background{ background-color: rgb(148,  
119, 242) }
```

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](#).



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