

# Converting Colors

Android(4288124142)

Have a look what the booklet for  
Android(4288124142) contains.

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# **Color**

**Android(4288124142)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9794EE
RGB	151, 148, 238
RGB Percent	59%, 58%, 93%
CMY	0.4078, 0.4196, 0.0667
CMYK	0.37, 0.38, 0.00, 0.07
HSL	242°, 73%, 76%
HSV	242°, 38%, 93%
XYZ	38.7850, 33.9322, 85.3943
YIQ	159.1570, -27.1020, 28.6260

# Conversions

## Conversions Part 2

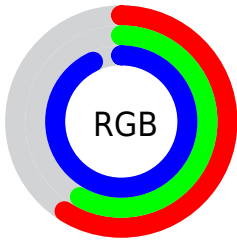
Format	Color
<a href="#">RYB</a>	<a href="#">151, 148, 238</a>
Decimal	<a href="#">9934062</a>
CIELab	<a href="#">64.91, 22.12, -44.94</a>
CIELCh	<a href="#">65, 50.089, 296.203</a>
Yxy	<a href="#">33.9322, 0.2453, 0.2146</a>
Android (android.graphics.Color)	<a href="#">4288124142</a> ( <a href="#">0xFF9794EE</a> )
YUV	<a href="#">159.1570, 38.8696, -7.1537</a>
Hunter-Lab	<a href="#">58.2513, 16.9094, -46.1410</a>

# Details

The Android color `4288124142` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4293652116`, and the grayscale version is `4288651167`.

A 20% lighter version of the original color is `4291873535`, and `4284506550` is the 20% darker color. If you saturate the color by 10%, you get `4286610670`, and if you desaturate by 10%, it is `4289637614`.

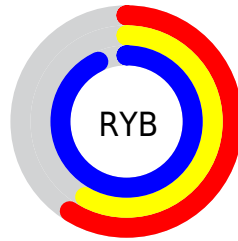
# Distribution



Red (59%)

Green (58%)

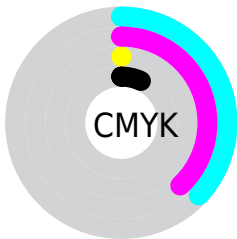
Blue (93%)



Red (59%)

Yellow (58%)

Blue (93%)

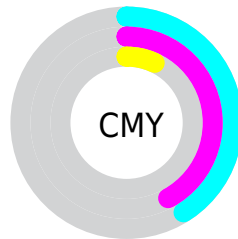


Cyan (37%)

Magenta (38%)

Yellow (0%)

Black (7%)



Cyan (41%)

Magenta (42%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288124142 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 4288124142 by changing the saturation by 10% instead.



 4288124142

 4288124142

4294967295

 4286282449

 4291873535

 4284506550

 4293781247

 4282731162

 4280759168

 4278197862

 4278192462

 4278191414

 4278190624

 4278190084

■ 4288124142

■ 4288124142

■ 4286610670

■ 4289637614

■ 4285097198

■ 4291151086

■ 4283583982

■ 4292664302

■ 4282070510

■ 4294177774

■ 4280557038

■ 4294967278

■ 4279043566

■ 4278714606

# Harmonies

## Analogous

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



4281509111



4288124142



4291789520

# Triad

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



4288124142



4292774228



4278236310

# Complementary

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



4288124142



4293652116

# 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.



4284002154



4288124142



4290550081

# Square

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



4288124142



4293950072



4287670089



4278236356

# Rectangle

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



4288124142



4293294772



4287670089



4279022471



# Sweetspot

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



4288124142



4293190655



4287949806



4285493120



4278190080



4286611584



# Same Dimension

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



4288124142



4287663359



4291073262



4285295736



4278583480



4278321208



# Inverse Universe

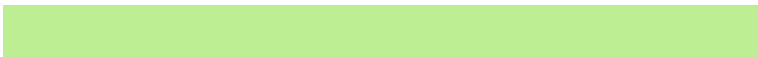
The Inverse Universe completely reimagines the original color for something new.



4293825771



4294937851



4290702996



4286082167



4290248881

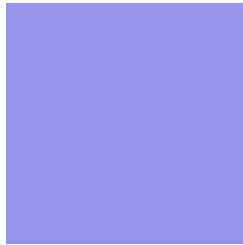


4281860150



# Previews

## White Background



This preview shows how the Android color 4288124142 looks on a white background.

## Color Contrast Check

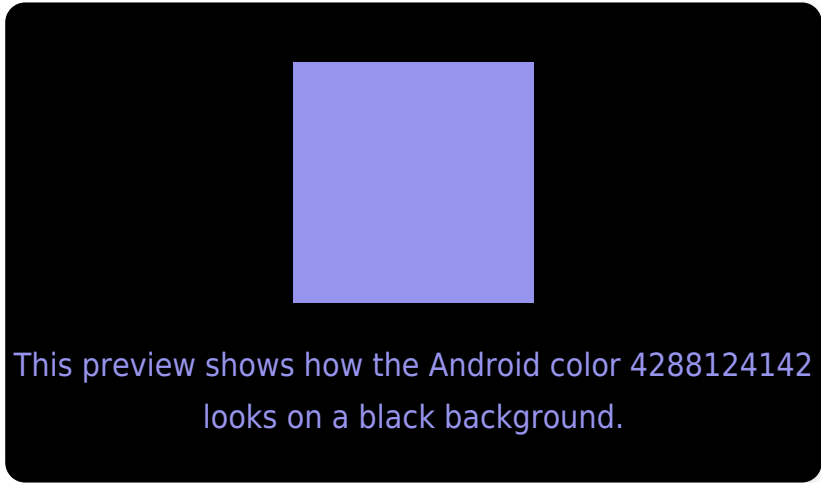
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



# Android 4288124142 Background



This preview shows how black text looks on a background with the Android color 4288124142.



This preview shows how white text looks on a background with the Android color 4288124142.

# 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**

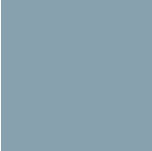
4288124142

**Protanopia**

4286421747

**Deuteranopia**

4286160364



**Tritanopia**  
4287144366

# Trichromacy



**Original Color**  
4288124142

**Protanomaly**  
4287011057

**Deuteranomaly**  
4286880493

**Tritanomaly**  
4287470789

# Monochromacy



**Original Color**  
4288124142

**Achromatopsia**  
4288651167

**Achromatomaly**  
4288453564

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288124142 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(151, 148, 238)` looks like.

```
.text, #text, p{  
    color:rgb(151, 148, 238)  
}
```

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(151, 148, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 148, 238) }
```

## Border

The CSS property to change the border of an element to Android 4288124142 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(151, 148, 238) }
```

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

```
.border{ border-color:rgb(151, 148, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 148, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 148, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 148, 238); box-shadow:4px 4px 4px 4px rgb(151, 148, 238) }
```

# Background

The CSS property to change the background color of an element to Android 4288124142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 148, 238) }
```

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

```
.background{ background-color: rgb(151,  
148, 238) }
```

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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