

# Converting Colors

Android(4286154418)

Have a look what the booklet for  
Android(4286154418) contains.

<b>Android(4286154418)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4286154418)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7986B2
RGB	121, 134, 178
RGB Percent	47%, 53%, 70%
CMY	0.5255, 0.4745, 0.3020
CMYK	0.32, 0.25, 0.00, 0.30
HSL	226°, 27%, 59%
HSV	226°, 32%, 70%
XYZ	24.4461, 24.3295, 45.5271
YIQ	135.1290, -21.8720, 10.9280

# Conversions

## Conversions Part 2

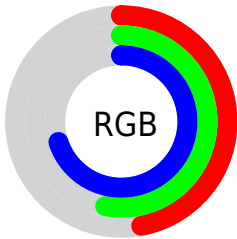
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 132, 178
Decimal	7964338
CIE <sub>Lab</sub>	56.42, 5.84, -24.70
CIE <sub>LCh</sub>	56, 25.379, 283.296
Yxy	24.3295, 0.2592, 0.2580
Android (android.graphics.Color)	4286154418 (0xFF7986B2)
YUV	135.1290, 21.1354, -12.3911
Hunter-Lab	49.3249, 2.1485, -20.1974

# Details

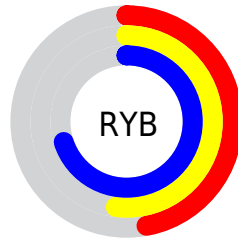
The Android color `4286154418` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `4289897849`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4289706986`, and `4282799485` is the 20% darker color. If you saturate the color by 10%, you get `4284971186`, and if you desaturate by 10%, it is `4287337650`.

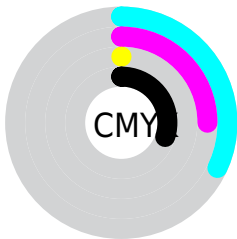
# Distribution



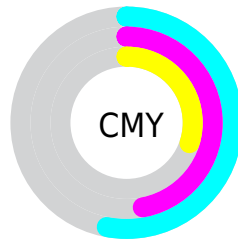
- Red (47%)
- Green (53%)
- Blue (70%)



- Red (47%)
- Yellow (52%)
- Blue (70%)



- Cyan (32%)
- Magenta (25%)
- Yellow (0%)
- Black (30%)



- Cyan (53%)
- Magenta (47%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286154418 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 4286154418 by changing the saturation by 10% instead.



 4286154418

 4286154418

4294967295

 4284444055

 4289706986

 4282799485

 4291483647

 4281220708

 4293391359

 4279511116

 4278195253

 4278190624

 4278190083

 4278190080

 4286154418

 4286154418

■ 4284971186

■ 4287337650

■ 4283788210

■ 4288520626

■ 4282670514

■ 4289638322

■ 4281487282

■ 4290821554

■ 4280304050

■ 4292004786

■ 4279121074

■ 4293187762

■ 4278200754

■ 4294370994

■ 4294964402

■ 4294967218

# Harmonies

## Analogous

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



4284059057



4286154418



4288118440

# Triad

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



4286154418



4289756010



4284126074

# Complementary

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



4286154418



4289897849

# 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.



4285828967



4286154418



4288840285

# Square

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



4286154418



4289951614



4287465820



4282750097

# Rectangle

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



4286154418



4289100444



4287465820



4284715635



# Sweetspot

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



4286154418



4291942120



4286165669



4284967541



4294309365



4285887861



# Same Dimension

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



4286154418



4287669480



4287134130



4283454041



4278199193



4278191642



# Inverse Universe

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



4289886598



4293431460



4288918137



4284043346



4288217123



4279894022



# Previews

## White Background



This preview shows how the Android color 4286154418 looks on a white background.

## Color Contrast Check

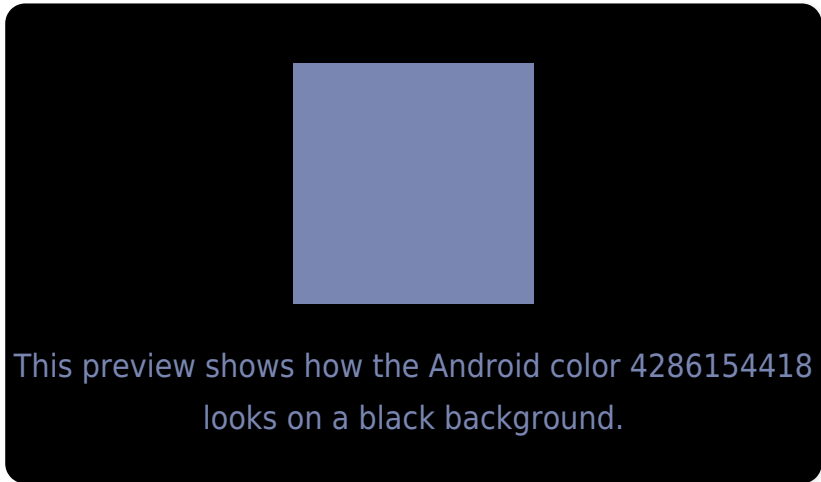
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

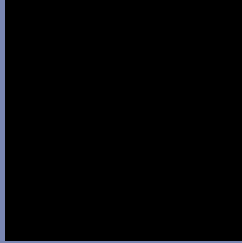
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

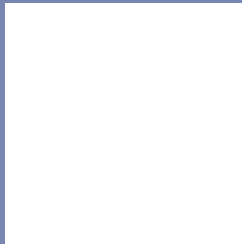
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286154418 Background



This preview shows how black text looks on a background with the Android color 4286154418.



This preview shows how white text looks on a background with the Android color 4286154418.

# 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**

4286154418

**Protanopia**

4286285234

**Deuteranopia**

4286416306



# Trichromacy



**Original Color**  
4286154418

**Protanomaly**  
4286219698

**Deuteranomaly**  
4286350770

**Tritanomaly**  
4285893024

# Monochromacy



**Original Color**  
4286154418

**Achromatopsia**  
4287072135

**Achromatomaly**  
4286744471

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286154418 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(121, 134, 178)` looks like.

```
.text, #text, p{  
    color:rgb(121, 134, 178)  
}
```

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(121, 134, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 134, 178) }
```

## Border

The CSS property to change the border of an element to Android 4286154418 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(121, 134, 178) }
```

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

```
.border{ border-color:rgb(121, 134, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 134, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 134, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 134, 178);  
box-shadow:4px 4px 4px 4px rgb(121, 134,  
178) }
```

# Background

The CSS property to change the background color of an element to Android 4286154418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 134, 178) }
```

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

```
.background{ background-color: rgb(121,  
134, 178) }
```

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