

# Converting Colors

Android(4286611602)

Have a look what the booklet for  
Android(4286611602) contains.

<b>Android(4286611602)</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(4286611602)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	808092
RGB	128, 128, 146
RGB Percent	50%, 50%, 57%
CMY	0.4980, 0.4980, 0.4275
CMYK	0.12, 0.12, 0.00, 0.43
HSL	240°, 8%, 54%
HSV	240°, 12%, 57%
XYZ	21.8096, 22.1029, 30.3109
YIQ	130.0520, -5.7780, 5.5980

# Conversions

## Conversions Part 2

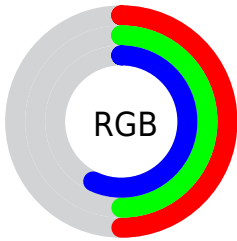
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 128, 146
Decimal	8421522
CIE Lab	54.14, 3.80, -9.67
CIE LCh	54, 10.385, 291.444
Yxy	22.1029, 0.2938, 0.2978
Android (android.graphics.Color)	4286611602 (0xFF808092)
YUV	130.0520, 7.8624, -1.7996
Hunter-Lab	47.0137, 0.5319, -5.3162

# Details

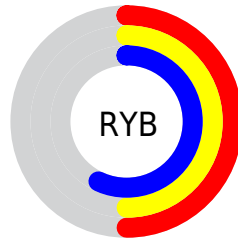
The Android color `4286611602` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `4287795840`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4290098632`, and `4283387744` is the 20% darker color. If you saturate the color by 10%, you get `4285624722`, and if you desaturate by 10%, it is `4287598482`.

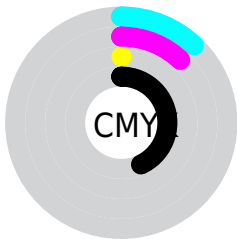
# Distribution



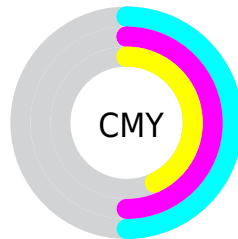
- Red (50%)
- Green (50%)
- Blue (57%)



- Red (50%)
- Yellow (50%)
- Blue (57%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (43%)



- Cyan (50%)
- Magenta (50%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286611602 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 4286611602 by changing the saturation by 10% instead.





4286611602



4286611602

4294967295



4284966776



4290098632



4283387744



4291875044



4281874504



4293783039



4280427313



4279045404



4278190080



4286611602



4286611602



4285624722



4287598482



4284703634



4288519570

■ 4283716754

■ 4289506450

■ 4282795666

■ 4290427538

■ 4281808786

■ 4291414418

■ 4280821906

■ 4292401298

■ 4279900818

■ 4293322386

■ 4278913938

■ 4294309266

■ 4278190226

■ 4294967186

# Harmonies

## Analogous

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



4285891475



4286611602



4287331725

# Triad

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



4286611602



4287790452



4285499262

# Complementary

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



4286611602



4287795840

# 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.



4286023030



4286611602



4287332464

# Square

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



4286611602



4287986811



4286743409



4285237128

# Rectangle

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



4286611602



4287659143



4286743409



4285630075

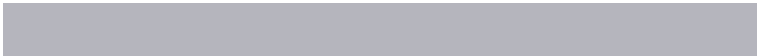


# Sweetspot

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



4286611602



4290098621



4286616210



4284111454



4292796126



4284374622



# Same Dimension

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



4286611602



4288716989



4287201426



4282598218



4278190218



4278190090



# Inverse Universe

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



4287791250



4290617533



4287206016



4283056970



4287234186



4278845450



# Previews

## White Background



This preview shows how the Android color 4286611602 looks on a white background.

## Color Contrast Check

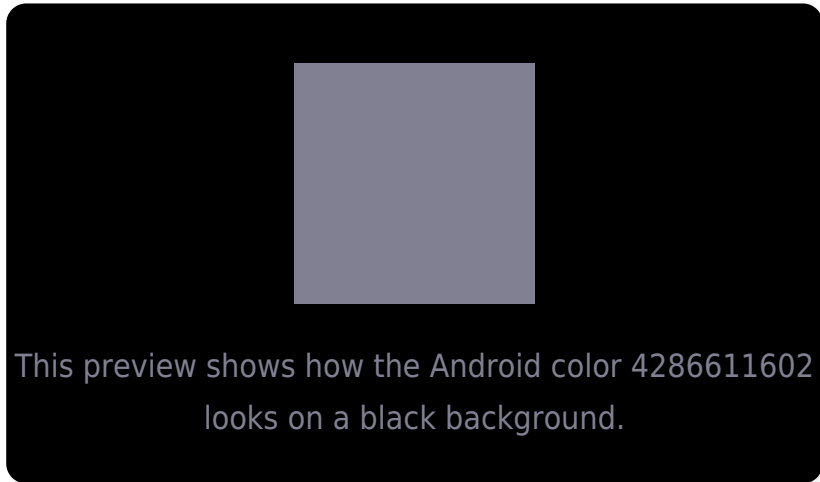
Large Text (above 18pt) WCAG AA ✓ Pass

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

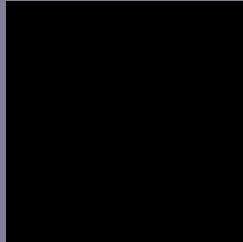
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

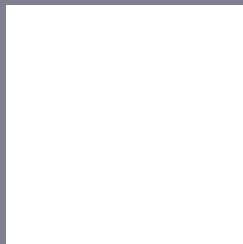
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286611602 Background



This preview shows how black text looks on a background with the Android color 4286611602.



This preview shows how white text looks on a background with the Android color 4286611602.

# 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**


4286611602

**Protanopia**

4286546066

**Deuteranopia**

4287004306



**Tritanopia**  
4286546315

# Trichromacy



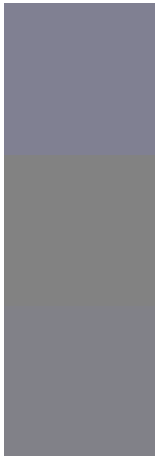
**Original Color**  
4286611602

**Protanomaly**  
4286546066

**Deuteranomaly**  
4286873490

**Tritanomaly**  
4286546318

# Monochromacy



**Original Color**  
4286611602

**Achromatopsia**  
4286743170

**Achromatomaly**  
4286677384

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286611602 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(128, 128, 146)` looks like.

```
.text, #text, p{  
    color:rgb(128, 128, 146)  
}
```

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(128, 128, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 128, 146) }
```

## Border

The CSS property to change the border of an element to Android 4286611602 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(128, 128, 146) }
```

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

```
.border{ border-color:rgb(128, 128, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 128, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 128, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 128, 146);  
box-shadow:4px 4px 4px 4px rgb(128, 128,  
146) }
```

# Background

The CSS property to change the background color of an element to Android 4286611602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 128, 146) }
```

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

```
.background{ background-color: rgb(128,  
128, 146) }
```

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