

# Converting Colors

Android(4286620203)

Have a look what the booklet for  
Android(4286620203) contains.

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# **Color**

**Android(4286620203)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80A22B
RGB	128, 162, 43
RGB Percent	50%, 64%, 17%
CMY	0.4980, 0.3647, 0.8314
CMYK	0.21, 0.00, 0.73, 0.36
HSL	77°, 58%, 40%
HSV	77°, 73%, 64%
XYZ	22.2585, 30.6043, 7.0196
YIQ	138.2680, 17.9350, -44.2170

# Conversions

## Conversions Part 2

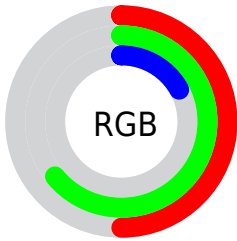
Format	Color
<a href="#">RYB</a>	<a href="#">43, 162, 77</a>
Decimal	<a href="#">8430123</a>
CIELab	<a href="#">62.17, -28.76, 54.58</a>
CIELCh	<a href="#">62, 61.696, 117.781</a>
Yxy	<a href="#">30.6043, 0.3717, 0.5111</a>
Android (android.graphics.Color)	<a href="#">4286620203</a> ( <a href="#">0xFF80A22B</a> )
YUV	<a href="#">138.2680, -46.9671, -9.0050</a>
Hunter-Lab	<a href="#">55.3211, -24.9925, 31.2016</a>

# Details

The Android color `4286620203` is a dark color, and the websafe version is hex `669900`. A complement of this color would be `4283247522`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4290304353`, and `4283067904` is the 20% darker color. If you saturate the color by 10%, you get `4286292507`, and if you desaturate by 10%, it is `4286947899`.

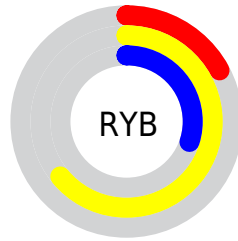
# Distribution



Red (50%)

Green (64%)

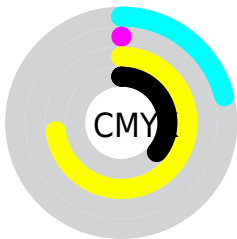
Blue (17%)



Red (17%)

Yellow (64%)

Blue (30%)

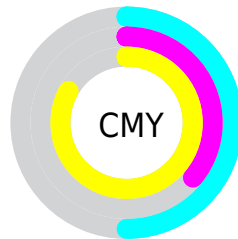


Cyan (21%)

Magenta (0%)

Yellow (73%)

Black (36%)



Cyan (50%)

Magenta (36%)

Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286620203 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 4286620203 by changing the saturation by 10% instead.





4286620203



4286620203

4294967295



4284844040



4290304353



4283067904



4292146556



4281423360



4294115223



4279516672



4294967219



4278200320



4294967247



4278193664



4294967276



4278190080



4286620203



4286620203



4286292507



4286947899

■ 4286030347

■ 4287210059

■ 4285833728

■ 4287537756

■ 4287865452

■ 4288127612

■ 4288455308

■ 4288717468

■ 4289045165

■ 4289372861

# Harmonies

## Analogous

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



4290155034



4286620203



4281183321

# Triad

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



4286620203



4278233842



4294271645

# Complementary

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



4286620203



4283247522

# 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.



4292112849



4286620203



4278230783

# Square

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



4286620203



4278235336



4287597048



4294404199

# Rectangle

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



4286620203



4278235005



4287597048



4293813679



# Sweetspot

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



4286620203



4291220645



4288826667



4284705615



4293651435



4285229931



# Same Dimension

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



4286620203



4288599065



4282753579



4283388489



4285042944



4279046656



# Inverse Universe

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



4283247522



4283374036



4287114146



4283189586



4280942737



4278517778



# Previews

## White Background



This preview shows how the Android color 4286620203 looks on a white background.

## Color Contrast Check

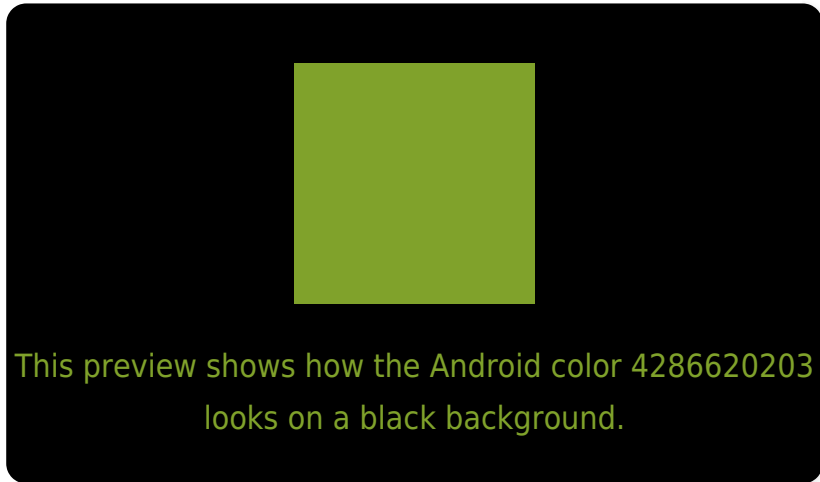
Large Text (above 18pt) WCAG AA × Fail

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 4286620203 Background



This preview shows how black text looks on a background with the Android color 4286620203.



This preview shows how white text looks on a background with the Android color 4286620203.

# 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**  
4286620203

**Protanomaly**  
4288256553

**Deuteranomaly**  
4289107248

**Tritanomaly**  
4287142775

# Monochromacy



**Original Color**  
4286620203

**Achromatopsia**  
4287269514

**Achromatomaly**  
4287009639

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286620203 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, 162, 43)` looks like.

```
.text, #text, p{  
    color:rgb(128, 162, 43)  
}
```

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, 162, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 162, 43) }
```

## Border

The CSS property to change the border of an element to Android 4286620203 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, 162, 43) }
```

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

```
.border{ border-color:rgb(128, 162, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 162, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 162, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 162, 43);  
box-shadow:4px 4px 4px 4px rgb(128, 162,  
43) }
```

# Background

The CSS property to change the background color of an element to Android 4286620203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 162, 43) }
```

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

```
.background{ background-color: rgb(128,  
162, 43) }
```

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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