

# Converting Colors

Android(4286284720)

Have a look what the booklet for  
Android(4286284720) contains.

<b>Android(4286284720)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4286284720)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B83B0
RGB	123, 131, 176
RGB Percent	48%, 51%, 69%
CMY	0.5176, 0.4863, 0.3098
CMYK	0.30, 0.26, 0.00, 0.31
HSL	231°, 25%, 59%
HSV	231°, 30%, 69%
XYZ	24.1212, 23.5781, 44.3540
YIQ	133.7380, -19.2130, 12.2990

# Conversions

## Conversions Part 2

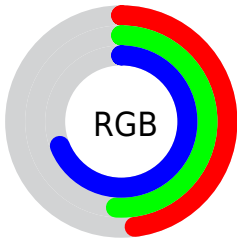
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 130, 176
Decimal	8094640
CIE <sub>Lab</sub>	55.66, 7.67, -24.70
CIE <sub>LCh</sub>	56, 25.865, 287.246
Yxy	23.5781, 0.2620, 0.2561
Android (android.graphics.Color)	4286284720 (0xFF7B83B0)
YUV	133.7380, 20.8352, -9.4172
Hunter-Lab	48.5573, 3.6956, -20.1675

# Details

The Android color `4286284720` is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be `4289767547`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4289837288`, and `4282929787` is the 20% darker color. If you saturate the color by 10%, you get `4285101232`, and if you desaturate by 10%, it is `4287468208`.

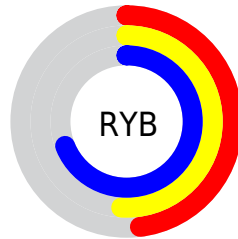
# Distribution



Red (48%)

Green (51%)

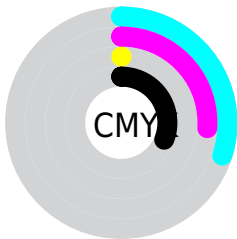
Blue (69%)



Red (48%)

Yellow (51%)

Blue (69%)

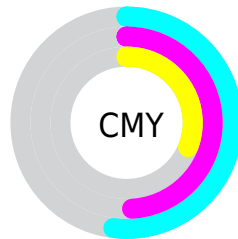


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (31%)



Cyan (52%)

Magenta (49%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286284720 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 4286284720 by changing the saturation by 10% instead.



 4286284720


 4286284720

4294967295

 4284574357

 4289837288

 4282929787

 4291613695

 4281351010

 4293521663

 4279706954

 4278194483

 4278190622

 4278190080

 4286284720

 4286284720

 4285101232

 4287468208

■ 4283983280

■ 4288586160

■ 4282799792

■ 4289769648

■ 4281681840

■ 4290887600

■ 4280498352

■ 4292071088

■ 4279314864

■ 4293254576

■ 4278197168

■ 4294372528

■ 4294966192

■ 4294967216

# Harmonies

## Analogous

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



4284058289



4286284720



4288183204

# Triad

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



4286284720



4289558885



4283732347

# Complementary

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



4286284720



4289767547

# 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.



4285435494



4286284720



4288577882

# Square

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



4286284720



4289885561



4287137882



4282356370

# Rectangle

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



4286284720



4289099671



4287137882



4284321907



# Sweetspot

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



4286284720



4291941606



4286296231



4284901491



4294111986



4285756275



# Same Dimension

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



4286284720



4287864806



4287462320



4283454041



4278196121



4278191130



# Inverse Universe

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



4289756035



4293301151



4288589947



4284043346



4288217111

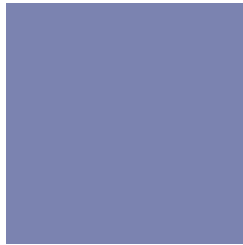


4279894020



# Previews

## White Background



This preview shows how the Android color 4286284720 looks on a white background.

## Color Contrast Check

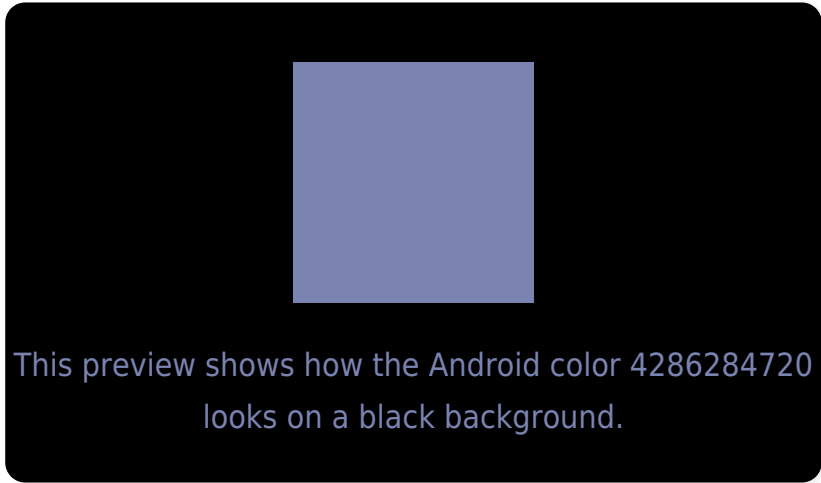
Large Text (above 18pt) WCAG AA ✓ Pass

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

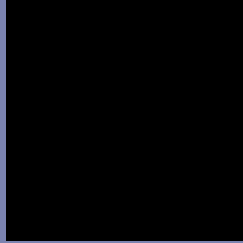
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

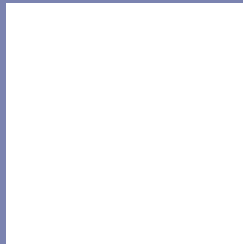
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286284720 Background



This preview shows how black text looks on a background with the Android color 4286284720.



This preview shows how white text looks on a background with the Android color 4286284720.

# 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**  
4286284720

**Protanopia**  
4286153904

**Deuteranopia**  
4286284720



# Trichromacy



**Original Color**

4286284720

**Protanomaly**

4286219440

**Deuteranomaly**

4286284720

**Tritanomaly**

4286023326

# Monochromacy



**Original Color**

4286284720

**Achromatopsia**

4287006342

**Achromatomaly**

4286743957

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286284720 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(123, 131, 176)` looks like.

```
.text, #text, p{  
    color:rgb(123, 131, 176)  
}
```

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(123, 131, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 131, 176) }
```

## Border

The CSS property to change the border of an element to Android 4286284720 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(123, 131, 176) }
```

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

```
.border{ border-color:rgb(123, 131, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 131, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 131, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 131, 176);  
box-shadow:4px 4px 4px 4px rgb(123, 131,  
176) }
```

# Background

The CSS property to change the background color of an element to Android 4286284720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 131, 176) }
```

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

```
.background{ background-color: rgb(123,  
131, 176) }
```

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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