

# Converting Colors

Android(4286021504)

Have a look what the booklet for  
Android(4286021504) contains.

<b>Android(4286021504)</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(4286021504)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	777F80
RGB	119, 127, 128
RGB Percent	47%, 50%, 50%
CMY	0.5333, 0.5020, 0.4980
CMYK	0.07, 0.01, 0.00, 0.50
HSL	187°, 4%, 48%
HSV	187°, 7%, 50%
XYZ	19.0934, 20.6592, 23.4034
YIQ	124.7220, -5.0890, -1.3850

# Conversions

## Conversions Part 2

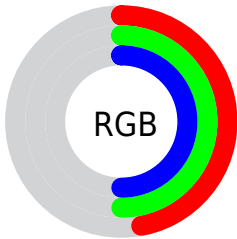
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 123, 128
Decimal	7831424
CIE <sub>Lab</sub>	52.57, -2.75, -1.57
CIE <sub>LCh</sub>	53, 3.165, 209.768
Yxy	20.6592, 0.3023, 0.3271
Android (android.graphics.Color)	4286021504 (0xFF777F80)
YUV	124.7220, 1.6161, -5.0182
Hunter-Lab	45.4524, -4.5583, 1.2883

# Details

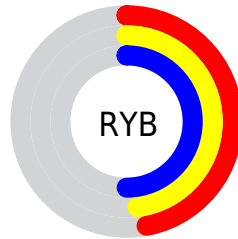
The Android color `4286021504` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `4286609527`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4289442997`, and `4282863183` is the 20% darker color. If you saturate the color by 10%, you get `4285169280`, and if you desaturate by 10%, it is `4286873728`.

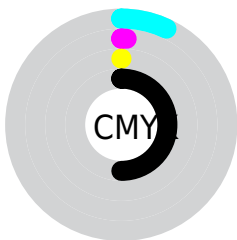
# Distribution



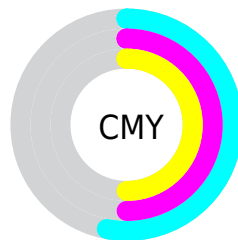
- Red (47%)
- Green (50%)
- Blue (50%)



- Red (47%)
- Yellow (48%)
- Blue (50%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (50%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286021504 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 4286021504 by changing the saturation by 10% instead.



■ 4286021504

■ 4286021504

4294967295

■ 4284376679

■ 4289442997

■ 4282863183

■ 4291219408

■ 4281349944

■ 4293127149

■ 4279968291

■ 4278193165

■ 4278190080

■ 4286021504

■ 4286021504

■ 4285169280

■ 4286873728

■ 4284316800

■ 4287726208

4283530112

4288512896

4282677632

4289365376

4281825408

4290217600

4280972928

4291070080

4280120704

4291922304

4279334016

4292708992

4278481536

4293561472

# Harmonies

## Analogous

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



4286087037



4286021504



4286086786

# Triad

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



4286021504



4286676096



4286610808

# Complementary

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



4286021504



4286609527

# 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.



4286741625



4286021504



4286807166

# Square

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



4286021504



4286479746



4286872699



4286414457

# Rectangle

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



4286021504



4286217859



4286872699



4286676344



# Sweetspot

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



4286021504



4288849318



4286021752



4283585620



4292138196



4283716692



# Same Dimension

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



4286021504



4288193702



4286020480



4281941824



4278219136



4278190080



# Inverse Universe

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



4286609279



4289108132



4286610551



4282399039



4286578801



4278190080



# Previews

## White Background



This preview shows how the Android color 4286021504 looks on a white background.

## Color Contrast Check

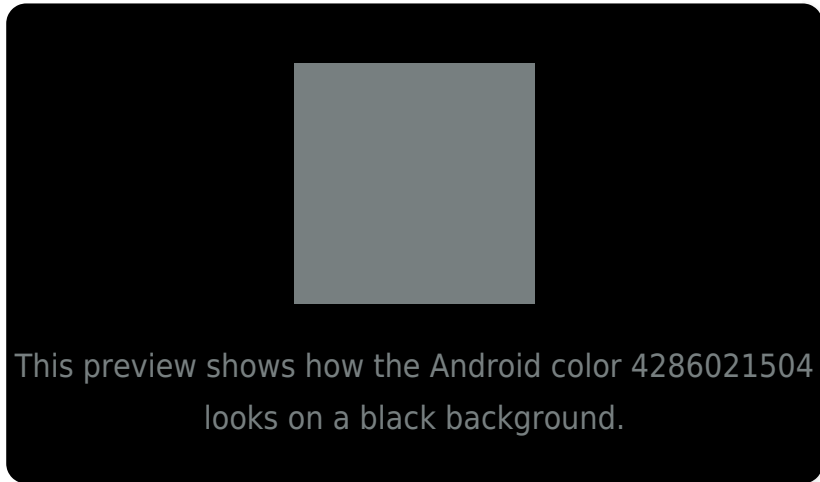
Large Text (above 18pt) WCAG AA ✓ Pass

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

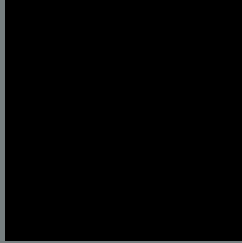
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

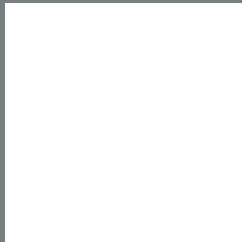
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286021504 Background



This preview shows how black text looks on a background with the Android color 4286021504.



This preview shows how white text looks on a background with the Android color 4286021504.

# 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**  
4286021504

**Protanopia**  
4286545279

**Deuteranopia**  
4287134081



# Trichromacy



**Original Color**

4286021504

**Protanomaly**

4286348927

**Deuteranomaly**

4286741377

**Tritanomaly**

4286086789

# Monochromacy



**Original Color**

4286021504

**Achromatopsia**

4286414205

**Achromatomaly**

4286283390

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286021504 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(119, 127, 128)` looks like.

```
.text, #text, p{  
    color:rgb(119, 127, 128)  
}
```

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(119, 127, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 127, 128) }
```

## Border

The CSS property to change the border of an element to Android 4286021504 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(119, 127, 128) }
```

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

```
.border{ border-color:rgb(119, 127, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 127, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 127, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 127, 128);  
box-shadow:4px 4px 4px 4px rgb(119, 127,  
128) }
```

# Background

The CSS property to change the background color of an element to Android 4286021504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 127, 128) }
```

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

```
.background{ background-color: rgb(119,  
127, 128) }
```

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