

# Converting Colors

Android(4280504444)

Have a look what the booklet for  
Android(4280504444) contains.

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# Color

**Android(4280504444)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23507C
RGB	35, 80, 124
RGB Percent	14%, 31%, 49%
CMY	0.8627, 0.6863, 0.5137
CMYK	0.72, 0.35, 0.00, 0.51
HSL	210°, 56%, 31%
HSV	210°, 72%, 49%
XYZ	7.1999, 7.5499, 20.1466
YIQ	71.5610, -40.9440, 4.1440

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	35, 65, 124
Decimal	2314364
CIE <sub>Lab</sub>	33.03, 0.23, -29.44
CIE <sub>LCh</sub>	33, 29.438, 270.457
Yxy	7.5499, 0.2063, 0.2164
Android (android.graphics.Color)	4280504444 (0xFF23507C)
YUV	71.5610, 25.8524, -32.0640
Hunter-Lab	27.4770, -1.3120, -24.2384

# Details

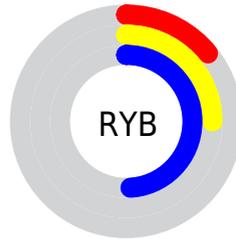
The Android color `4280504444` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4286336803`, and the grayscale version is `4282861383`.

A 20% lighter version of the original color is `4284187057`, and `4278199371` is the 20% darker color. If you saturate the color by 10%, you get `4279716476`, and if you desaturate by 10%, it is `4281292412`.

# Distribution



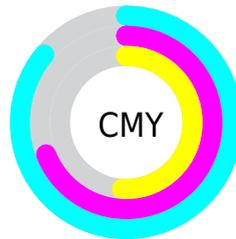
- Red (14%)
- Green (31%)
- Blue (49%)



- Red (14%)
- Yellow (25%)
- Blue (49%)



- Cyan (72%)
- Magenta (35%)
- Yellow (0%)
- Black (51%)



- Cyan (86%)
- Magenta (69%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280504444 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 4280504444 by changing the saturation by 10% instead.



4280504444



4280504444

4294967295



4278204771



4284187057



4278199371



4285963212



4278193716



4287739625



4278190622



4289581567



4278190080



4291489279



4293328895



4280504444



4280504444



4279716476



4281292412

■ 4278862972

■ 4282145916

■ 4278206332

■ 4282933884

■ 4283787644

■ 4284575612

■ 4285363580

■ 4286217084

■ 4287005052

■ 4287858556

# Harmonies

## Analogous

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



4278212214



4280504444



4283451254

# Triad

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



4280504444



4286069815



4280637238

# Complementary

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



4280504444



4286336803

# 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.



4282602276



4280504444



4285350949

# Square

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



4280504444



4286069326



4284173598



4278212941

# Rectangle

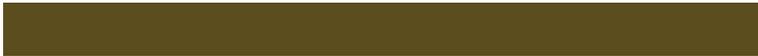
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4280504444



4284694891



4284173598



4281357871

# Sweetspot

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



4280504444



4286418849



4280515662



4282140498



4291940817



4283585106



# Same Dimension

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



4280504444



4279655585



4280493180



4281809469



4278206333



4278223100



# Inverse Universe

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



4286325584



4288747100



4286348067



4282201914



4286382143



4294705280



# Previews

## White Background



This preview shows how the Android color 4280504444 looks on a white background.

### Color Contrast Check

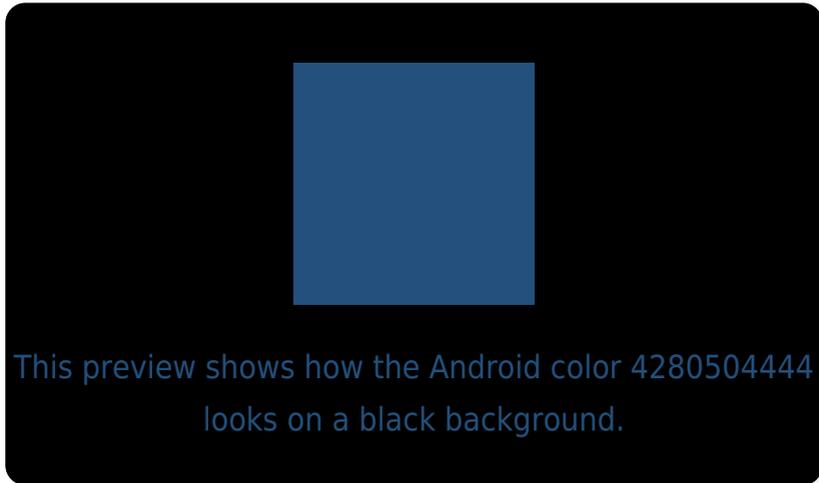
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

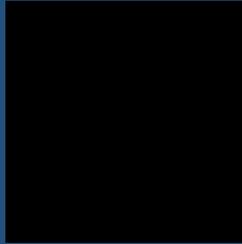
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# Android 4280504444 Background



This preview shows how black text looks on a background with the Android color 4280504444.



This preview shows how white text looks on a background with the Android color 4280504444.

# 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**

4280504444

**Protanopia**

4282207352

**Deuteranopia**

4281486973



# Trichromacy



**Original Color**

4280504444

**Protanomaly**

4281617785

**Deuteranomaly**

4281159549

**Tritanomaly**

4279063656

# Monochromacy



**Original Color**

4280504444

**Achromatopsia**

4282927176

**Achromatomaly**

4282075995

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280504444 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(35, 80, 124)` looks like.

```
.text, #text, p{  
    color:rgb(35, 80, 124)  
}
```

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(35, 80, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 80, 124) }
```

## Border

The CSS property to change the border of an element to Android 4280504444 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(35, 80, 124) }
```

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

```
.border{ border-color:rgb(35, 80, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 80, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 80, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 80, 124);  
box-shadow:4px 4px 4px 4px rgb(35, 80,  
124) }
```

# Background

The CSS property to change the background color of an element to Android 4280504444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 80, 124) }
```

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

```
.background{ background-color: rgb(35, 80,  
124) }
```

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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