

# Converting Colors

Android(4280624164)

Have a look what the booklet for  
Android(4280624164) contains.

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# Color

**Android(4280624164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	252424
RGB	37, 36, 36
RGB Percent	15%, 14%, 14%
CMY	0.8549, 0.8588, 0.8588
CMYK	0.00, 0.03, 0.03, 0.85
HSL	0°, 1%, 14%
HSV	0°, 3%, 15%
XYZ	1.7123, 1.7824, 1.9229
YIQ	36.2990, 0.5960, 0.2120

# Conversions

## Conversions Part 2

Format	Color
<b>RYB</b>	37, 36, 36
Decimal	2434084
CIELab	14.30, 0.46, 0.16
CIELCh	14, 0.491, 19.174
Yxy	1.7824, 0.3161, 0.3290
Android (android.graphics.Color)	4280624164 (0xFF252424)
YUV	36.2990, -0.1474, 0.6148
Hunter-Lab	13.3508, -0.4710, 0.8063

# Details

The Android color **4280624164** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4280558885**, and the grayscale version is **4280558628**.

A 20% lighter version of the original color is **4283584592**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280623136**, and if you desaturate by 10%, it is **4280625192**.

# Distribution



Red (15%)

Green (14%)

Blue (14%)



Red (15%)

Yellow (14%)

Blue (14%)



Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (85%)



Cyan (85%)

Magenta (86%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280624164 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 4280624164 by changing the saturation by 10% instead.





4280624164



4280624164

4294967295



4279242511



4283584592



4278190080



4285163624



4286808706



4288519324



4290295478



4292072146



4293979886



4280624164



4280624164

■ 4280623136

■ 4280625192

■ 4280622365

■ 4280625963

■ 4280621337

■ 4280626991

■ 4280620309

■ 4280628019

■ 4280619281

■ 4280629047

■ 4280618510

■ 4280629818

■ 4280617482

■ 4280630846

■ 4280616454

■ 4280631874

■ 4280615683

■ 4280632645

# Harmonies

# Triad

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



4280624164



4280558628



4280558629

# Complementary

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



4280624164



4280558885

# 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.



4280493093



4280624164



4280558628

# Square

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



4280624164



4280558628



4280493092



4280558629

# Rectangle

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



4280624164



4280493092



4280558629



# Sweetspot

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



4280624164



4281348144



4280624165



4279900441



4288256409



4279900698



# Same Dimension

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



4280624164



4281347887



4280624420



4279374097



4283564032



4291887104



# Inverse Universe

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



4280558885



4281282608



4279308818



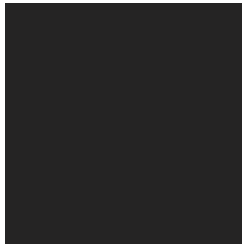
4278211154



4278243793

# Previews

## White Background



This preview shows how the Android color 4280624164 looks on a white background.

## Color Contrast Check

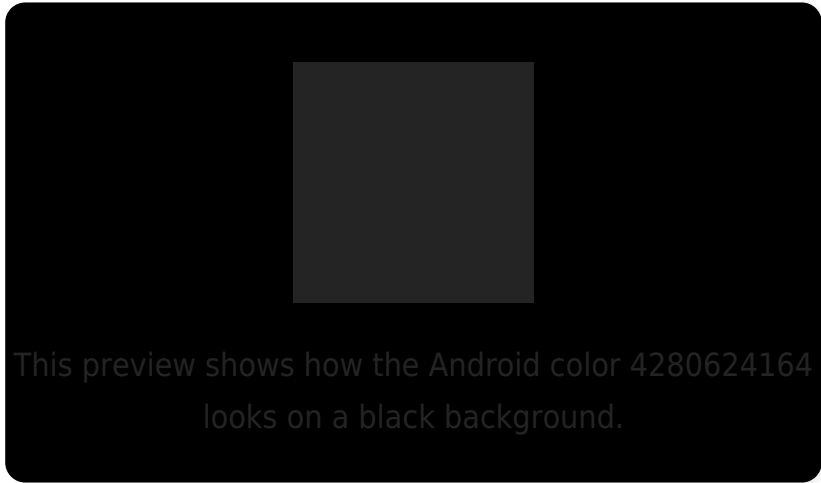
Large Text (above 18pt) WCAG AA ✓ Pass

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

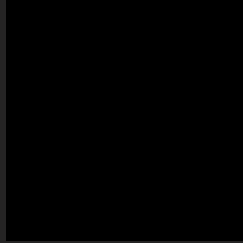
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

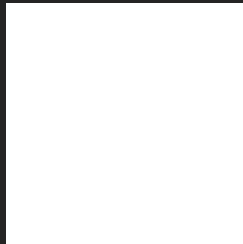
Any Text WCAG AAA × Fail

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

# Android 4280624164 Background



This preview shows how black text looks on a background with the Android color 4280624164.



This preview shows how white text looks on a background with the Android color 4280624164.



# 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**  
4280624164

**Protanopia**  
4280624164

**Deuteranopia**  
4280820516



**Tritanopia**  
4280624166

# Trichromacy



**Original Color**

4280624164

**Protanomaly**

4280624164

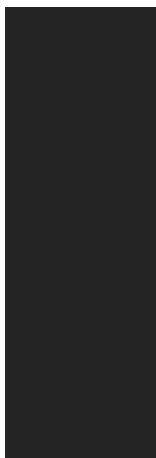
**Deuteranomaly**

4280754980

**Tritanomaly**

4280624165

# Monochromacy



**Original Color**

4280624164

**Achromatopsia**

4280558628

**Achromatomaly**

4280558628

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280624164 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(37, 36, 36)` looks like.

```
.text, #text, p{  
    color:rgb(37, 36, 36)  
}
```

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(37, 36, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 36, 36) }
```

## Border

The CSS property to change the border of an element to Android 4280624164 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(37, 36, 36) }
```

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

```
.border{ border-color:rgb(37, 36, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 36, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 36, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 36, 36);  
box-shadow:4px 4px 4px 4px rgb(37, 36, 36)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280624164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 36, 36) }
```

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

```
.background{ background-color: rgb(37, 36,  
36) }
```

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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