

# Converting Colors

Android(4284180224)

Have a look what the booklet for  
Android(4284180224) contains.

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**Color**

**Android(4284180224)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B6700
RGB	91, 103, 0
RGB Percent	36%, 40%, 0%
CMY	0.6431, 0.5961, 1.0000
CMYK	0.12, 0.00, 1.00, 0.60
HSL	67°, 100%, 20%
HSV	67°, 100%, 40%
XYZ	9.1646, 11.9246, 1.8187
YIQ	87.6700, 25.9110, -34.5770

# Conversions

## Conversions Part 2

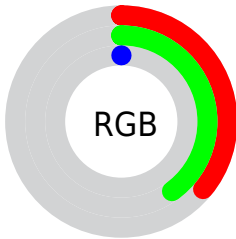
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 103, 12
Decimal	5990144
CIELab	41.10, -16.83, 47.32
CIELCh	41, 50.220, 109.575
Yxy	11.9246, 0.4001, 0.5205
Android (android.graphics.Color)	4284180224 (0xFF5B6700)
YUV	87.6700, -43.2213, 2.9204
Hunter-Lab	34.5321, -13.0582, 21.0499

# Details

The Android color `4284180224` is a dark color, and the websafe version is hex `666600`. A complement of this color would be `4278976615`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4287666747`, and `4280891392` is the 20% darker color. If you saturate the color by 10%, you get `4284180224`, and if you desaturate by 10%, it is `4284245770`.

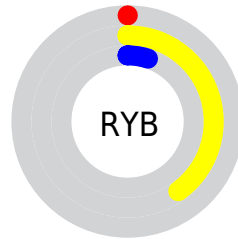
# Distribution



Red (36%)

Green (40%)

Blue (0%)



Red (0%)

Yellow (40%)

Blue (5%)

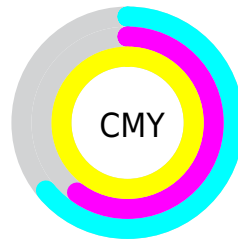


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (64%)

Magenta (60%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284180224 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 4284180224 by changing the saturation by 10% instead.



 4284180224

 4284180224

 4294967289

 4282535680

 4287666747

 4280891392

 4289508692

 4279182080

 4291350638

 4278191872

 4293258377

 4278190080

 4294967204

 4294967232

 4294967260

 4284180224

■ 4284245770

■ 4284311317

■ 4284442399

■ 4284507945

■ 4284573492

■ 4284639038

■ 4284704584

■ 4284835666

■ 4284901213

# Harmonies

## Analogous

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



4286667264



4284180224



4280643367

# Triad

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



4284180224



4278219167



4288887153

# Complementary

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



4284180224



4278976615

# 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.



4286859671



4284180224



4278217394

# Square

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



4284180224



4278219899



4282539183



4289345864

# Rectangle

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



4284180224



4278219330



4282539183



4288429439



# Sweetspot

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



4284180224



4286744415



4284942848



4282533164



4291085508



4282729797



# Same Dimension

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



4284180224



4286023424



4280903424



4281479982



4284838656



4292276736



# Inverse Universe

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



4278976615



4279238791



4282253415



4281216563



4279042163



4280025330



# Previews

## White Background



This preview shows how the Android color 4284180224 looks on a white background.

## Color Contrast Check

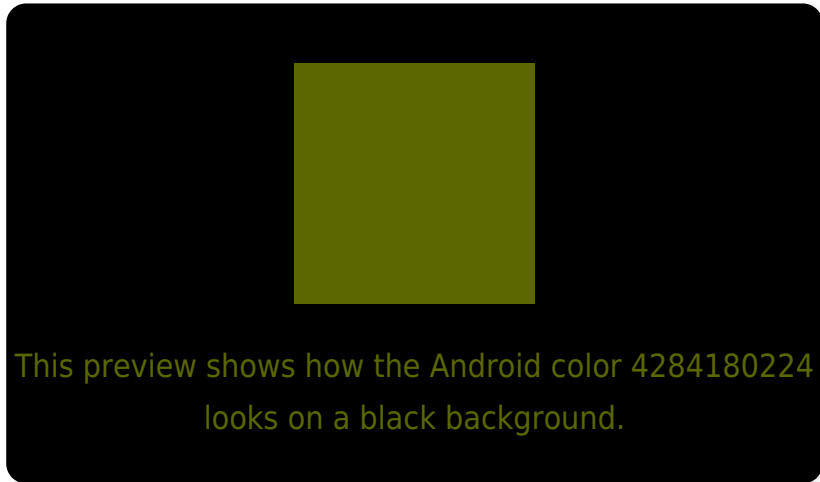
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

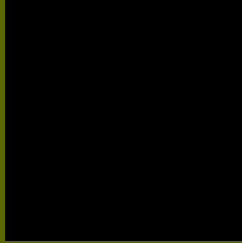
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4284180224 Background



This preview shows how black text looks on a background with the Android color 4284180224.



This preview shows how white text looks on a background with the Android color 4284180224.

# 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**

4284180224

**Protanopia**

4285358336

**Deuteranopia**

4286209041



# Trichromacy



**Original Color**  
4284180224

**Protanomaly**  
4284900096

**Deuteranomaly**  
4285489163

**Tritanomaly**  
4284506946

# Monochromacy



**Original Color**  
4284180224

**Achromatopsia**  
4283979864

**Achromatomaly**  
4284046648

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284180224 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(91, 103, 0)` looks like.

```
.text, #text, p{  
    color:rgb(91, 103, 0)  
}
```

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(91, 103, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 103, 0) }
```

## Border

The CSS property to change the border of an element to Android 4284180224 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(91, 103, 0) }
```

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

```
.border{ border-color:rgb(91, 103, 0) }
```

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

Here you see how a box with a 4 pixel rgb(91, 103, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 103, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 103, 0);  
box-shadow:4px 4px 4px 4px rgb(91, 103, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4284180224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 103, 0) }
```

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

```
.background{ background-color: rgb(91, 103,  
0) }
```

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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