

# Converting Colors

Android(4284900966)

Have a look what the booklet for  
Android(4284900966) contains.

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# Color

**Android(4284900966)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	666666
RGB	102, 102, 102
RGB Percent	40%, 40%, 40%
CMY	0.6000, 0.6000, 0.6000
CMYK	0.00, 0.00, 0.00, 0.60
HSL	0°, 0%, 40%
HSV	0°, 0%, 40%
XYZ	12.6291, 13.2868, 14.4694
YIQ	102.0000, -0.0000, -0.0000

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	102, 102, 102
Decimal	6710886
CIE Lab	43.19, 0.00, -0.01
CIE LCh	43, 0.006, 296.813
Yxy	13.2868, 0.3127, 0.3290
Android (android.graphics.Color)	4284900966 (0xFF666666)
YUV	102.0000, 0.0000, 0.0000
Hunter-Lab	36.4511, -1.9449, 1.9805

# Details

The Android color `4284900966` is a dark color, and the **websafe** version is hex `666666`. A complement of this color would be `4284900966`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4288256409`, and `4281808695` is the 20% darker color. If you saturate the color by 10%, you get `4284898396`, and if you desaturate by 10%, it is `4284903536`.

# Distribution



Red (40%)

Green (40%)

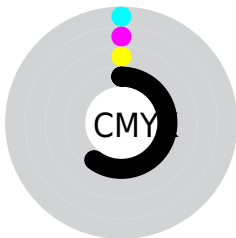
Blue (40%)



Red (40%)

Yellow (40%)

Blue (40%)

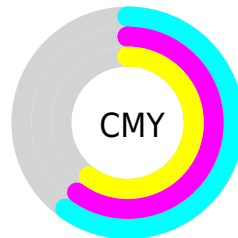


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (60%)



Cyan (60%)

Magenta (60%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284900966 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 4284900966 by changing the saturation by 10% instead.



4284900966

4286545791

4288256409

4290032820

4291809231

4293651435

4294967295

4284900966

4283321934

4281808695

4280427042

4278979596

4278190080

4284900966

4284898396

4284895826

4284892999

4284890429

4284887859

4284885289

4284882719

4284879892

4284900966

4284903536

4284906106

4284908933

4284911503

4284914073

4284916643

4284919213

4284922040

 4284877322

 4284924610

# Harmonies

# Sweetspot

The sweet spot groups the original color and five complimentary colors.



4284900966



4286940549



4282532418



4290953922

# Previews

## White Background



This preview shows how the Android color 4284900966 looks on a white background.

## Color Contrast Check

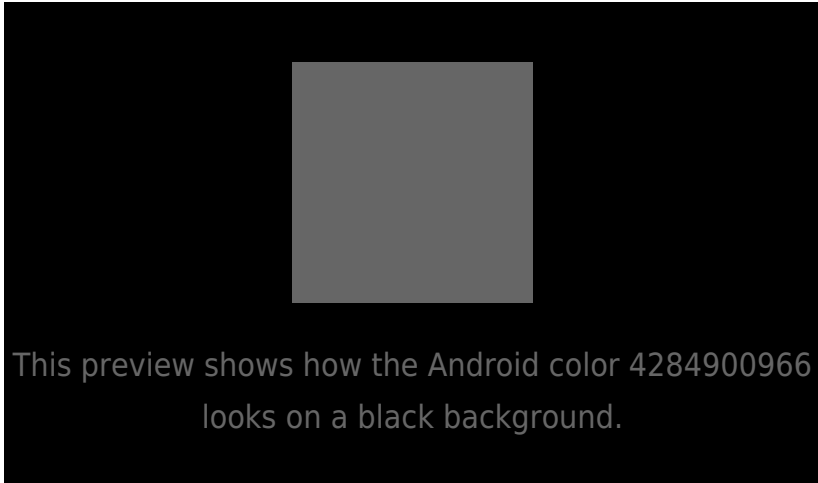
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284900966 Background



This preview shows how black text looks on a background with the Android color 4284900966.



This preview shows how white text looks on a background with the Android color 4284900966.

# 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**  
4284900966

**Protanopia**  
4285031782

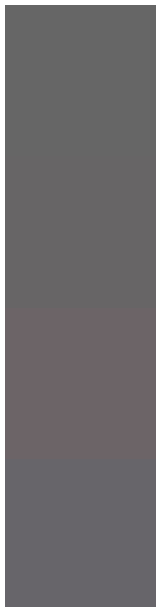
**Deuteranopia**  
4285490023





**Tritanopia**  
4284966253

# Trichromacy



**Original Color**

4284900966

**Protanomaly**

4284966246

**Deuteranomaly**

4285293671

**Tritanomaly**

4284966250

# Monochromacy



**Original Color**

4284900966

**Achromatopsia**

4284900966

**Achromatomaly**

4284900966

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284900966 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(102, 102, 102)` looks like.

```
.text, #text, p{  
    color:rgb(102, 102, 102)  
}
```

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(102, 102, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 102, 102) }
```

## Border

The CSS property to change the border of an element to Android 4284900966 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(102, 102, 102) }
```

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

```
.border{ border-color:rgb(102, 102, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 102, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 102, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 102, 102);  
box-shadow:4px 4px 4px 4px rgb(102, 102,  
102) }
```

# Background

The CSS property to change the background color of an element to Android 4284900966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 102, 102) }
```

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

```
.background{ background-color: rgb(102,  
102, 102) }
```

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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