

# Converting Colors

Android(4285236090)

Have a look what the booklet for  
Android(4285236090) contains.

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# Color

**Android(4285236090)**

# Conversions

Conversions Part 1	
Format	Color
Hex	6B837A
RGB	107, 131, 122
RGB Percent	42%, 51%, 48%
CMY	0.5804, 0.4863, 0.5216
CMYK	0.18, 0.00, 0.07, 0.49
HSL	158°, 10%, 47%
HSV	158°, 18%, 51%
XYZ	17.6926, 20.7635, 21.4876
YIQ	122.7980, -11.4150, -7.8870

# Conversions

## Conversions Part 2

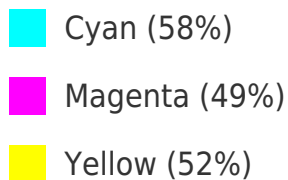
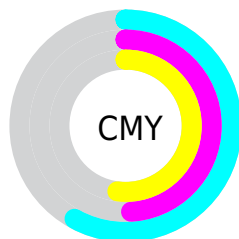
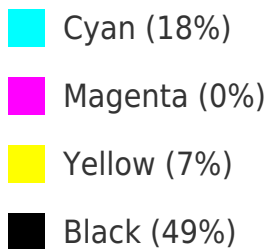
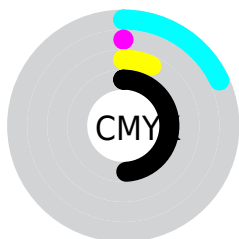
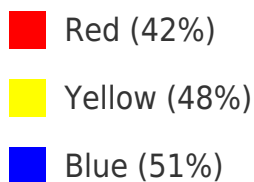
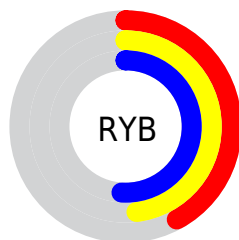
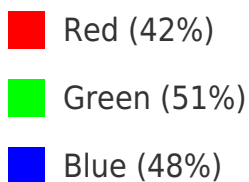
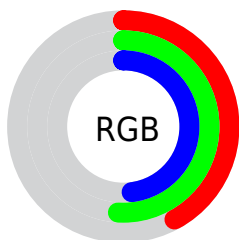
Format	Color
<a href="#">RYB</a>	<a href="#">107, 122, 131</a>
Decimal	<a href="#">7046010</a>
CIELab	<a href="#">52.69, -10.59, 1.99</a>
CIELCh	<a href="#">53, 10.774, 169.359</a>
Yxy	<a href="#">20.7635, 0.2952, 0.3464</a>
Android (android.graphics.Color)	<a href="#">4285236090</a> (0xFF6B837A)
YUV	<a href="#">122.7980, -0.3934, -13.8548</a>
Hunter-Lab	<a href="#">45.5670, -10.4351, 3.9381</a>

# Details

The Android color `4285236090` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4286802804`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4288657582`, and `4282077769` is the 20% darker color. If you saturate the color by 10%, you get `4284384117`, and if you desaturate by 10%, it is `4286088063`.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Android color 4285236090 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 4285236090 by changing the saturation by 10% instead.



 4285236090

 4285236090

4294967295

 4283656801

 4288657582

 4282077769

 4290434250

 4280630067

 4292210918

 4279248158

 4294115327

 4278194436

 4278190080

 4285236090

 4285236090

 4284384117


 4286088063

 4283532144

 4286940036

 4282680171

 4287792009

 4281828198

 4288643982

 4280976225

 4289561491

 4280058717

 4290413463

 4279206744

 4291265436

 4278354771

 4292117409

 4278223698

 4292969382

# Harmonies

## Analogous

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



4285825650



4285236090



4284908419

# Triad

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



4285236090



4286282895



4287592816

# Complementary

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



4285236090



4286802804

# 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.



4287789176



4285236090



4287068810

# Square

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



4285236090



4285563024



4287592577



4287200364

# Rectangle

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



4285236090



4284973705



4287592577



4287723890



# Sweetspot

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



4285236090



4288850856



4285825899



4283520853



4292269782



4283914071



# Same Dimension

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



4285236090



4286950301



4285235331



4282139200



4278223441



4278190850



# Inverse Universe

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



4286802804



4289430931



4286803563



4282530878



4286709809



4278386689



# Previews

## White Background



This preview shows how the Android color 4285236090 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



This preview shows how the Android color 4285236090 looks on a 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

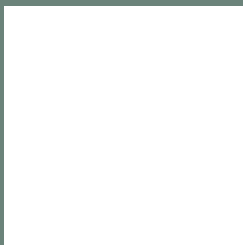
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4285236090 Background



This preview shows how black text looks on a background with the Android color 4285236090.



This preview shows how white text looks on a background with the Android color 4285236090.

# 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**

4285236090

**Protanopia**

4286676343

**Deuteranopia**



4287265148



# Trichromacy

	<b>Original Color</b> 4285236090
	<b>Protanomaly</b> 4286152568
	<b>Deuteranomaly</b> 4286545275
	<b>Tritanomaly</b> 4285366917

# Monochromacy

	<b>Original Color</b> 4285236090
	<b>Achromatopsia</b> 4286282619
	<b>Achromatomaly</b> 4285890171

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285236090 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(107, 131, 122)` looks like.

```
.text, #text, p{  
    color:rgb(107, 131, 122)  
}
```

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(107, 131, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 131, 122) }
```

## Border

The CSS property to change the border of an element to Android 4285236090 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(107, 131, 122) }
```

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

```
.border{ border-color:rgb(107, 131, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 131, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 131, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 131, 122);  
box-shadow:4px 4px 4px 4px rgb(107, 131,  
122) }
```

# Background

The CSS property to change the background color of an element to Android 4285236090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 131, 122) }
```

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

```
.background{ background-color: rgb(107,  
131, 122) }
```

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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