

# Converting Colors

Android(4285705336)

Have a look what the booklet for  
Android(4285705336) contains.

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# **Color**

**Android(4285705336)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72AC78
RGB	114, 172, 120
RGB Percent	45%, 67%, 47%
CMY	0.5529, 0.3255, 0.5294
CMYK	0.34, 0.00, 0.30, 0.33
HSL	126°, 26%, 56%
HSV	126°, 34%, 67%
XYZ	25.0821, 34.4385, 23.0946
YIQ	148.7300, -17.8760, -28.4680

# Conversions

## Conversions Part 2

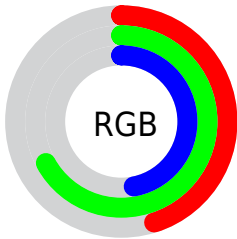
Format	Color
<a href="#">RYB</a>	<a href="#">114, 167, 172</a>
Decimal	<a href="#">7515256</a>
CIELab	<a href="#">65.31, -29.76, 20.91</a>
CIELCh	<a href="#">65, 36.374, 144.903</a>
Yxy	<a href="#">34.4385, 0.3036, 0.4169</a>
Android (android.graphics.Color)	<a href="#">4285705336 (0xFF72AC78)</a>
YUV	<a href="#">148.7300, -14.1639, -30.4582</a>
Hunter-Lab	<a href="#">58.6843, -26.4054, 17.7461</a>

# Details

The Android color `4285705336` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4289491622`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4289258669`, and `4282349383` is the 20% darker color. If you saturate the color by 10%, you get `4284591209`, and if you desaturate by 10%, it is `4286819463`.

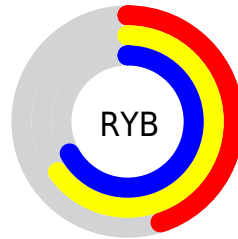
# Distribution



Red (45%)

Green (67%)

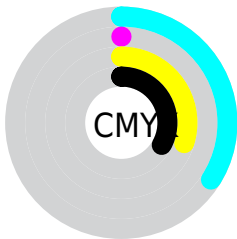
Blue (47%)



Red (45%)

Yellow (65%)

Blue (67%)

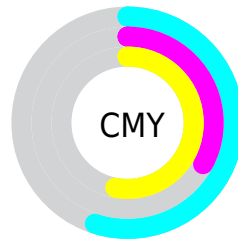


Cyan (34%)

Magenta (0%)

Yellow (30%)

Black (33%)



Cyan (55%)

Magenta (33%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285705336 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 4285705336 by changing the saturation by 10% instead.





4285705336



4285705336

4294967295



4283994463



4289258669



4282349383



4291035080



4280639024



4292935652



4278732314

4294836223



4278202114



4278196992



4278190080



4285705336



4285705336



4284591209




4286819463

 4283477081

 4287933591

 4282297418

 4289113254

 4281183290

 4290227382

 4280069163

 4291341509

 4278955035

 4292455637

 4278234130

 4293569764

 4294749427

 4294946047

# Harmonies

## Analogous

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



4288193890



4285705336



4282822808

# Triad

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



4285705336



4284851167



4292773765

# Complementary

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



4285705336



4289491622

# 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.



4292445861



4285705336



4288321754

# Square

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



4285705336



4280724691



4290940356



4291989354

# Rectangle

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



4285705336



4280463534



4290940356



4292773263



# Sweetspot

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



4285705336



4291485900



4289113202



4284706916



4293980400



4285558896



# Same Dimension

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



4285705336



4287094928



4285705365



4283324239



4278228496



4278195970



# Inverse Universe

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



4289491622



4292904919



4289491593



4283911766



4288020615



4279697429



# Previews

## White Background



This preview shows how the Android color 4285705336 looks on a white background.

## Color Contrast Check

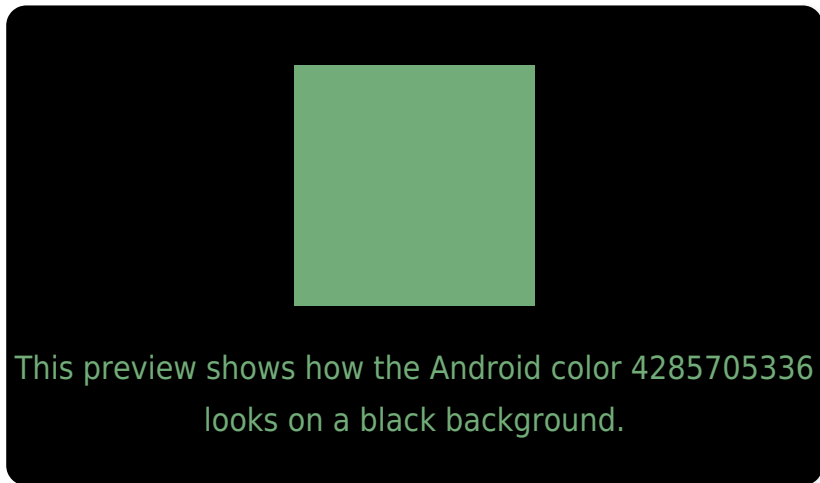
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



# Android 4285705336 Background



This preview shows how black text looks on a background with the Android color 4285705336.



This preview shows how white text looks on a background with the Android color 4285705336.

# 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





# Trichromacy



**Original Color**  
4285705336

**Protanomaly**  
4288062324

**Deuteranomaly**  
4288651131

**Tritanomaly**  
4286163101

# Monochromacy



**Original Color**  
4285705336

**Achromatopsia**  
4287993237

**Achromatomaly**  
4287143306

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285705336 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(114, 172, 120)` looks like.

```
.text, #text, p{  
    color:rgb(114, 172, 120)  
}
```

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(114, 172, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 172, 120) }
```

## Border

The CSS property to change the border of an element to Android 4285705336 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(114, 172, 120) }
```

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

```
.border{ border-color:rgb(114, 172, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 172, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 172, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 172, 120);  
box-shadow:4px 4px 4px 4px rgb(114, 172,  
120) }
```

# Background

The CSS property to change the background color of an element to Android 4285705336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 172, 120) }
```

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

```
.background{ background-color: rgb(114,  
172, 120) }
```

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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