

Converting Colors

Android(4285374566)

Have a look what the booklet for
Android(4285374566) contains.

Android(4285374566)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4285374566)

Conversions

Conversions Part 1

Format	Color
Hex	6DA066
RGB	109, 160, 102
RGB Percent	43%, 63%, 40%
CMY	0.5725, 0.3725, 0.6000
CMYK	0.32, 0.00, 0.36, 0.37
HSL	113°, 23%, 51%
HSV	113°, 36%, 63%
XYZ	21.2758, 29.3521, 17.1146
YIQ	138.1390, -11.7780, -28.8500

Conversions

Conversions Part 2

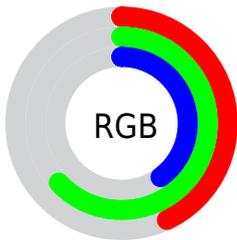
Format	Color
RYB	102, 160, 153
Decimal	7184486
CIELab	61.09, -28.70, 24.98
CIElCh	61, 38.049, 138.965
Yxy	29.3521, 0.3141, 0.4333
Android (android.graphics.Color)	4285374566 (0xFF6DA066)
YUV	138.1390, -17.8165, -25.5549
Hunter-Lab	54.1776, -24.7132, 19.1948

Details

The Android color `4285374566` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4288243360`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4288862106`, and `4282018870` is the 20% darker color. If you saturate the color by 10%, you get `4284457046`, and if you desaturate by 10%, it is `4286292086`.

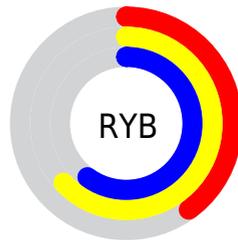
Distribution



Red (43%)

Green (63%)

Blue (40%)



Red (40%)

Yellow (63%)

Blue (60%)

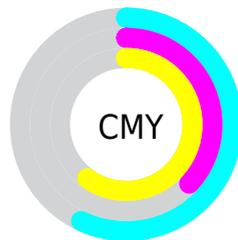


Cyan (32%)

Magenta (0%)

Yellow (36%)

Black (37%)



Cyan (57%)

Magenta (37%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285374566 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 4285374566 by changing the saturation by 10% instead.



4285374566



4285374566

4294967295



4283663950



4288862106



4282018870



4290704565



4280374048



4292542416



4278533129



4294442989



4278199808



4278191872



4278190080



4285374566



4285374566



4284457046



4286292086

 4283539526

 4287209606

 4282622006

 4288127126

 4281704486

 4289044646

 4280786966

 4289962166

 4279869446

 4290879686

 4279476224

 4291797206

 4292780262

 4293697782

Harmonies

Analogous

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



4287862866



4285374566



4282229893

Triad

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



4285374566



4282751957



4292114815

Complementary

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



4285374566



4288243360

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.



4291590817



4285374566



4286877651

Square

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



4285374566



4278231749



4289823680



4291527010

Rectangle

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



4285374566



4278232477



4289823680



4292114570

Sweetspot

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



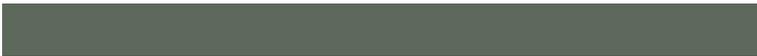
4285374566



4290630074



4288714854



4284311899



4293454056



4285098345

Same Dimension

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



4285374566



4286632309



4284915835



4282928967



4279340800



4278324992

Inverse Universe

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



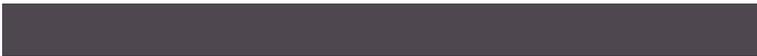
4288243360



4291196369



4288702091



4283320143



4286447759



4279042063

Previews

White Background



This preview shows how the Android color 4285374566 looks on a white background.

Color Contrast Check

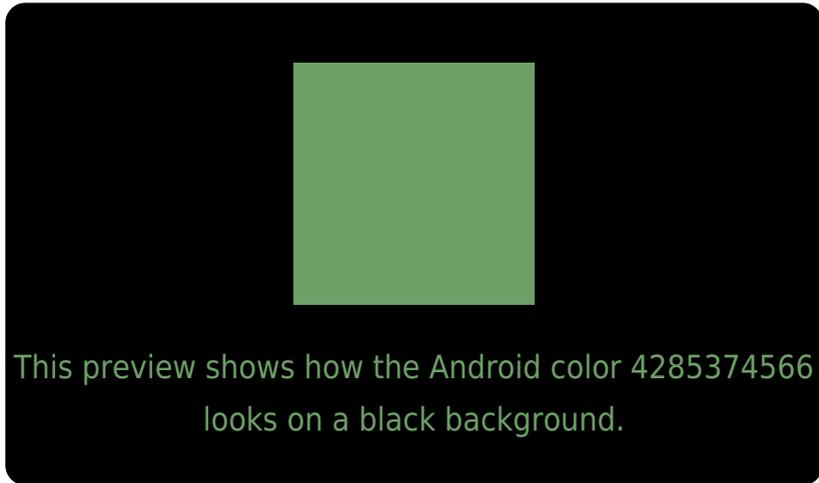
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

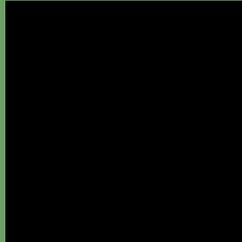
Any Text WCAG AA ✓ Pass

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 4285374566 Background



This preview shows how black text looks on a background with the Android color 4285374566.



This preview shows how white text looks on a background with the Android color 4285374566.

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
4285374566

Protanomaly
4287469667

Deuteranomaly
4288058473

Tritanomaly
4285832078

Monochromacy



Original Color
4285374566

Achromatopsia
4287269514

Achromatomaly
4286550653

CSS Examples

Text

The CSS property to change the color of the text to Android 4285374566 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(109, 160, 102)` looks like.

```
.text, #text, p{  
    color:rgb(109, 160, 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(109, 160, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 160, 102) }
```

Border

The CSS property to change the border of an element to Android 4285374566 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(109, 160, 102) }
```

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

```
.border{ border-color:rgb(109, 160, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 160, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 160, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 160, 102); box-shadow:4px 4px 4px 4px rgb(109, 160, 102) }
```

Background

The CSS property to change the background color of an element to Android 4285374566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 160, 102) }
```

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

```
.background{ background-color: rgb(109,  
160, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor