

Converting Colors

Android(4284166999)

Have a look what the booklet for
Android(4284166999) contains.

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Color

Android(4284166999)

Conversions

Conversions Part 1

Format	Color
Hex	5B3357
RGB	91, 51, 87
RGB Percent	36%, 20%, 34%
CMY	0.6431, 0.8000, 0.6588
CMYK	0.00, 0.44, 0.04, 0.64
HSL	306°, 28%, 28%
HSV	306°, 44%, 36%
XYZ	7.2185, 5.2799, 9.6555
YIQ	67.0640, 12.2840, 19.6760

Conversions

Conversions Part 2

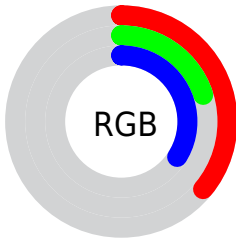
Format	Color
RYB	91, 51, 87
Decimal	5976919
CIELab	27.52, 24.16, -14.16
CIELCh	28, 28.006, 329.637
Yxy	5.2799, 0.3258, 0.2383
Android (android.graphics.Color)	4284166999 (0xFF5B3357)
YUV	67.0640, 9.8284, 20.9919
Hunter-Lab	22.9781, 15.8637, -8.8293

Details

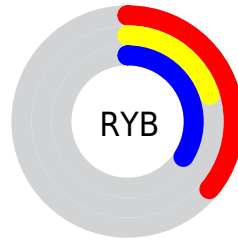
The Android color **4284166999** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4281555767**, and the grayscale version is **4282598211**.

A 20% lighter version of the original color is **4287521673**, and **4281075242** is the 20% darker color. If you saturate the color by 10%, you get **4284164694**, and if you desaturate by 10%, it is **4284169304**.

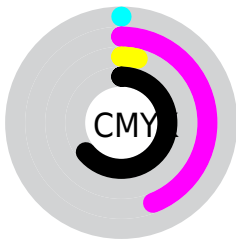
Distribution



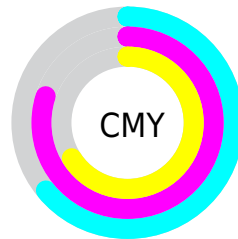
- Red (36%)
- Green (20%)
- Blue (34%)



- Red (36%)
- Yellow (20%)
- Blue (34%)



- Cyan (0%)
- Magenta (44%)
- Yellow (4%)
- Black (64%)



- Cyan (64%)
- Magenta (80%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284166999 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 4284166999 by changing the saturation by 10% instead.

4284166999

4284166999

4294967295

4282588480

4287521673

4281075242

4289297571

4279500821

4291073726

4278190080

4292981210

4294823159

4294961663

4284166999

4284166999

4284164694

4284169304

■ 4284162389

■ 4284171609

■ 4284160084

■ 4284173914

■ 4284157779

■ 4284176219

■ 4284155474

■ 4284178780

■ 4284153938

■ 4284181084

■ 4284183389

■ 4284185694

■ 4284187999

Harmonies

Analogous

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



4282465126



4284166999



4284952130

Triad

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



4284166999



4283252756



4278209366

Complementary

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



4284166999



4281555767

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.



4278209600



4284166999



4281878042

Square

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



4284166999



4284364828



4279978538



4278208870

Rectangle

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



4284166999



4285083444



4279978538



4278209615

Sweetspot

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



4284166999



4285884020



4281807707



4282069306



4290427578



4282071867

Same Dimension

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



4284166999



4285871983



4284166979



4281215277



4285399139



4293722325

Inverse Universe

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



4284166999



4285871983



4281555787



4281215277



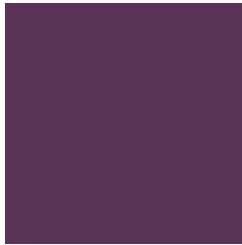
4285399139



4293722325

Previews

White Background



This preview shows how the Android color 4284166999 looks on a white background.

Color Contrast Check

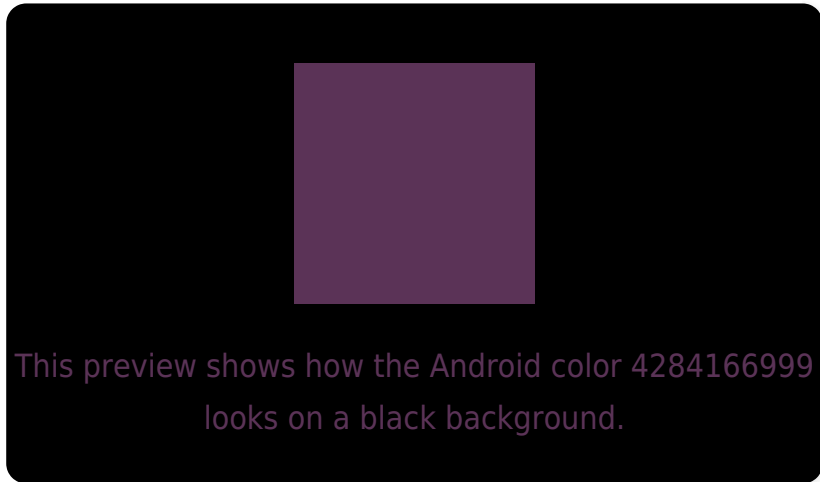
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

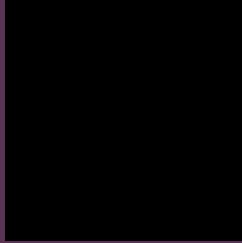
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4284166999 Background



This preview shows how black text looks on a background with the Android color 4284166999.



This preview shows how white text looks on a background with the Android color 4284166999.

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
4284166999

Protanopia
4281745505

Deuteranopia
4282269781



Tritanopia
4283971901

Trichromacy



Original Color
4284166999

Protanomaly
4282596189

Deuteranomaly
4282989398

Tritanomaly
4284036934

Monochromacy



Original Color
4284166999

Achromatopsia
4282598211

Achromatomaly
4283186506

CSS Examples

Text

The CSS property to change the color of the text to Android 4284166999 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, 51, 87)` looks like.

```
.text, #text, p{  
    color:rgb(91, 51, 87)  
}
```

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, 51, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 51, 87) }
```

Border

The CSS property to change the border of an element to Android 4284166999 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, 51, 87) }
```

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

```
.border{ border-color:rgb(91, 51, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 51, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 51, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 51, 87);  
box-shadow:4px 4px 4px 4px rgb(91, 51, 87)  
}
```

Background

The CSS property to change the background color of an element to Android 4284166999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 51, 87) }
```

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

```
.background{ background-color: rgb(91, 51,  
87) }
```

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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