

Converting Colors

Android(4286017436)

Have a look what the booklet for
Android(4286017436) contains.

Android(4286017436)	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(4286017436)

Conversions

Conversions Part 1

Format	Color
Hex	776F9C
RGB	119, 111, 156
RGB Percent	47%, 44%, 61%
CMY	0.5333, 0.5647, 0.3882
CMYK	0.24, 0.29, 0.00, 0.39
HSL	251°, 19%, 52%
HSV	251°, 29%, 61%
XYZ	19.2929, 17.6911, 33.8504
YIQ	118.5220, -9.6770, 15.6910

Conversions

Conversions Part 2

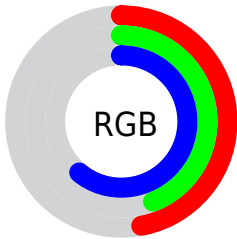
Format	Color
R _Y B	119, 111, 156
Decimal	7827356
CIE _{Lab}	49.12, 13.16, -23.21
CIE _{LCh}	49, 26.684, 299.554
Y _{xy}	17.6911, 0.2724, 0.2498
Android (android.graphics.Color)	4286017436 (0xFF776F9C)
Y _{UV}	118.5220, 18.4767, 0.4192
Hunter-Lab	42.0608, 8.2700, -18.2738

Details

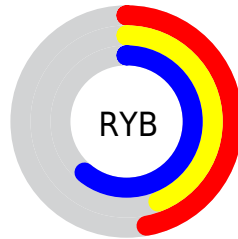
The Android color `4286017436` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4287929455`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4289504211`, and `4282728297` is the 20% darker color. If you saturate the color by 10%, you get `4285161372`, and if you desaturate by 10%, it is `4286873500`.

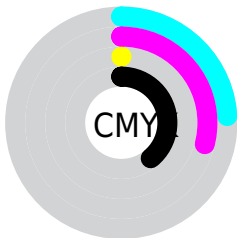
Distribution



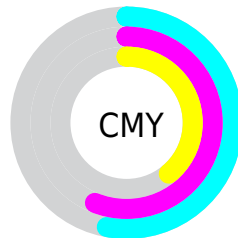
- Red (47%)
- Green (44%)
- Blue (61%)



- Red (47%)
- Yellow (44%)
- Blue (61%)



- Cyan (24%)
- Magenta (29%)
- Yellow (0%)
- Black (39%)



- Cyan (53%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286017436 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 4286017436 by changing the saturation by 10% instead.

■ 4286017436

■ 4286017436

4294967295

■ 4284372866

■ 4289504211

■ 4282728297

■ 4291280623

■ 4281215312

■ 4293188095

■ 4279702841

■ 4294964991

■ 4278190116

■ 4278190091

■ 4278190080

■ 4286017436

■ 4286017436

■ 4285161372

■ 4286873500

4284305564

4287729308

4283515036

4288519836

4282659228

4289375644

4281803164

4290231708

4280947100

4291087772

4280091292

4291943580

4280025244

4292799644

4293589916

Harmonies

Analogous

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



4283725730



4286017436



4287719308

Triad

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



4286017436



4288113486



4281762164

Complementary

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



4286017436



4287929455

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.



4283596637



4286017436



4286870343

Square

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



4286017436



4288701792



4285364813



4280320138

Rectangle

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



4286017436



4288439422



4285364813



4282351724

Sweetspot

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



4286017436



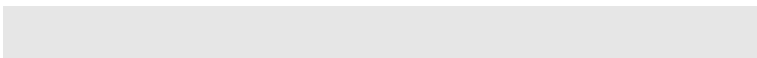
4290624204



4285502876



4284308326



4293322470



4284900966

Same Dimension

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



4286017436



4287727052



4287459228



4282992463



4279828623



4278386703

Inverse Universe

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



4288442260



4291593663



4286487663



4283385678



4287561845



4279173133

Previews

White Background



This preview shows how the Android color 4286017436 looks on a white background.

Color Contrast Check

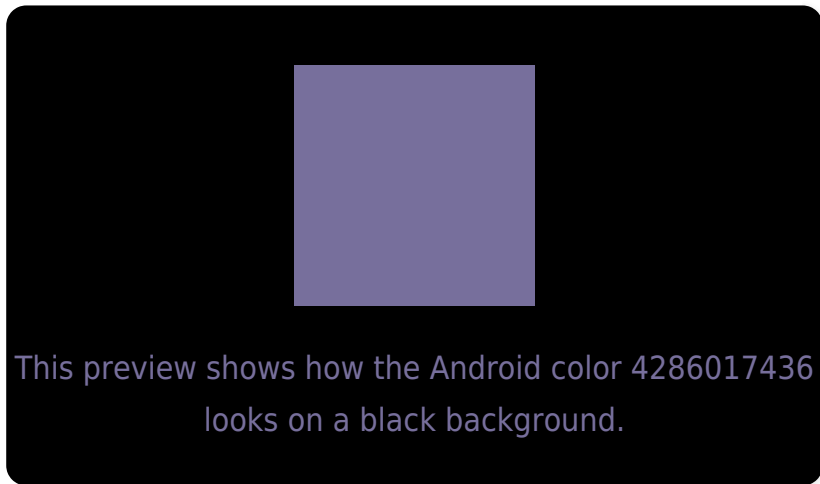
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4286017436 Background



This preview shows how black text looks on a background with the Android color 4286017436.



This preview shows how white text looks on a background with the Android color 4286017436.

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
4286017436

Protanopia
4285035423

Deuteranopia
4285232027



Tritanopia
4285625726

Trichromacy



Original Color

4286017436

Protanomaly

4285362846

Deuteranomaly

4285493915

Tritanomaly

4285756297

Monochromacy



Original Color

4286017436

Achromatopsia

4286019447

Achromatomaly

4286018692

CSS Examples

Text

The CSS property to change the color of the text to Android 4286017436 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(119, 111, 156)` looks like.

```
.text, #text, p{  
    color:rgb(119, 111, 156)  
}
```

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(119, 111, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 111, 156) }
```

Border

The CSS property to change the border of an element to Android 4286017436 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(119, 111, 156) }
```

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

```
.border{ border-color:rgb(119, 111, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 111, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 111, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 111, 156);  
box-shadow:4px 4px 4px 4px rgb(119, 111,  
156) }
```

Background

The CSS property to change the background color of an element to Android 4286017436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 111, 156) }
```

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

```
.background{ background-color: rgb(119,  
111, 156) }
```

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