

Converting Colors

Android(4286336674)

Have a look what the booklet for
Android(4286336674) contains.

Android(4286336674)	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(4286336674)

Conversions

Conversions Part 1

Format	Color
Hex	7C4EA2
RGB	124, 78, 162
RGB Percent	49%, 31%, 64%
CMY	0.5137, 0.6941, 0.3647
CMYK	0.23, 0.52, 0.00, 0.36
HSL	273°, 35%, 47%
HSV	273°, 52%, 64%
XYZ	17.5582, 12.3425, 35.6393
YIQ	101.3300, 0.4520, 35.8760

Conversions

Conversions Part 2

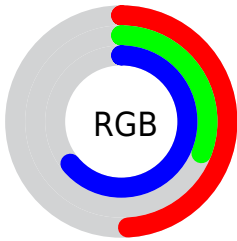
Format	Color
RYB	124, 78, 162
Decimal	8146594
CIELab	41.76, 35.82, -38.25
CIELCh	42, 52.405, 313.115
Yxy	12.3425, 0.2679, 0.1883
Android (android.graphics.Color)	4286336674 (0xFF7C4EA2)
YUV	101.3300, 29.9103, 19.8816
Hunter-Lab	35.1319, 27.7296, -35.5541

Details

The Android color `4286336674` is a dark color, and the websafe version is hex `9966CC`. A complement of this color would be `4285833806`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4289888729`, and `4282916462` is the 20% darker color. If you saturate the color by 10%, you get `4285873826`, and if you desaturate by 10%, it is `4286799522`.

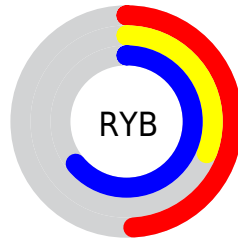
Distribution



Red (49%)

Green (31%)

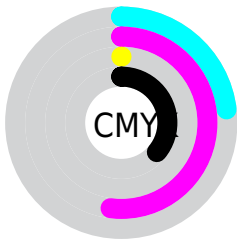
Blue (64%)



Red (49%)

Yellow (31%)

Blue (64%)

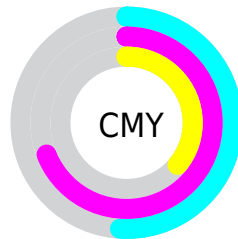


Cyan (23%)

Magenta (52%)

Yellow (0%)

Black (36%)



Cyan (51%)

Magenta (69%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286336674 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 4286336674 by changing the saturation by 10% instead.

 4286336674


 4286336674

4294967295

 4284626567

 4289888729

 4282916462

 4291795958

 4281271637

 4293637887

 4279828541

 4294955775

 4278190630

 4294963199

 4278190352

 4278190080

 4286336674

 4286336674

 4285873826

 4286799522

4285345442

4287327906

4284882338

4287791010

4284419490

4288253858

4284022946

4288782242

4289245090

4289707938

4290236578

4290699426

Harmonies

Analogous

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



4280443319



4286336674



4288887421

Triad

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



4286336674



4287321856



4278220405

Complementary

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



4286336674



4285833806

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.



4278220104



4286336674



4284835328

Square

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



4286336674



4289020969



4281561117



4278220189

Rectangle

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



4286336674



4289607008



4281561117



4278220390

Sweetspot

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



4286336674



4291080916



4283332002



4284634987



4293651435



4285229931

Same Dimension

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



4286336674



4288172244



4288827039



4283320658



4283433105



4278845458

Inverse Universe

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



4288826996



4292104332



4283343441



4283582797



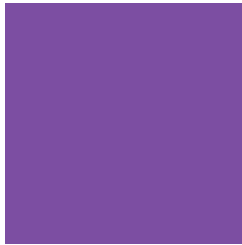
4287692866



4279369736

Previews

White Background



This preview shows how the Android color 4286336674 looks on a white background.

Color Contrast Check

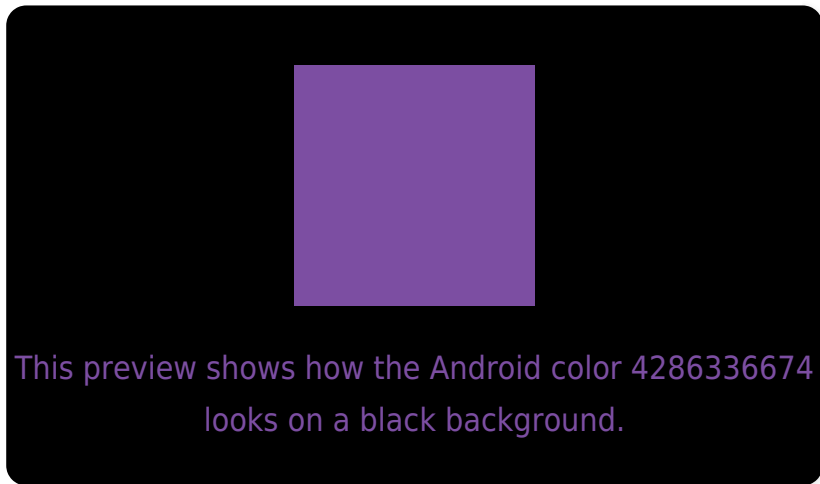
Large Text (above 18pt) WCAG AA ✓ Pass

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

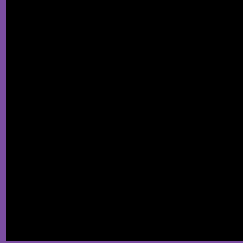
Any Text WCAG AA × Fail

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 4286336674 Background



This preview shows how black text looks on a background with the Android color 4286336674.




This preview shows how white text looks on a background with the Android color 4286336674.

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





Tritanopia
4285685093

Trichromacy



Original Color
4286336674

Protanomaly
4283586989

Deuteranomaly
4283849631

Tritanomaly
4285945979

Monochromacy



Original Color
4286336674

Achromatopsia
4284835173

Achromatomaly
4285357435

CSS Examples

Text

The CSS property to change the color of the text to Android 4286336674 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(124, 78, 162)` looks like.

```
.text, #text, p{  
    color:rgb(124, 78, 162)  
}
```

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(124, 78, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 78, 162) }
```

Border

The CSS property to change the border of an element to Android 4286336674 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(124, 78, 162) }
```

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

```
.border{ border-color:rgb(124, 78, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 78, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 78, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 78, 162);  
box-shadow:4px 4px 4px 4px rgb(124, 78,  
162) }
```

Background

The CSS property to change the background color of an element to Android 4286336674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 78, 162) }
```

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

```
.background{ background-color: rgb(124, 78,  
162) }
```

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