

Converting Colors

Android(4284974756)

Have a look what the booklet for
Android(4284974756) contains.

Android(4284974756)	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(4284974756)

Conversions

Conversions Part 1

Format	Color
Hex	6786A4
RGB	103, 134, 164
RGB Percent	40%, 53%, 64%
CMY	0.5961, 0.4745, 0.3569
CMYK	0.37, 0.18, 0.00, 0.36
HSL	210°, 25%, 52%
HSV	210°, 37%, 64%
XYZ	20.8195, 22.6141, 38.3896
YIQ	128.1510, -28.1060, 2.7580

Conversions

Conversions Part 2

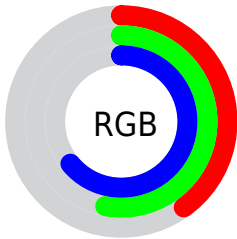
Format	Color
R_{YB}	103, 124, 164
Decimal	6784676
CIE _{Lab}	54.67, -3.22, -19.44
CIE _{LCh}	55, 19.707, 260.594
Yxy	22.6141, 0.2544, 0.2764
Android (android.graphics.Color)	4284974756 (0xFF6786A4)
YUV	128.1510, 17.6736, -22.0574
Hunter-Lab	47.5543, -5.0720, -14.5756

Details

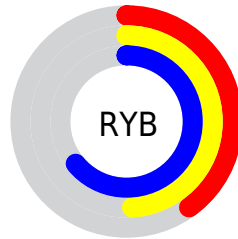
The Android color `4284974756` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4288972135`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4288461787`, and `4281619824` is the 20% darker color. If you saturate the color by 10%, you get `4283924132`, and if you desaturate by 10%, it is `4286025380`.

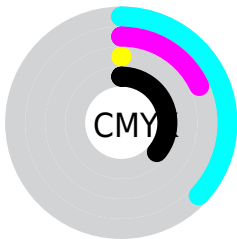
Distribution



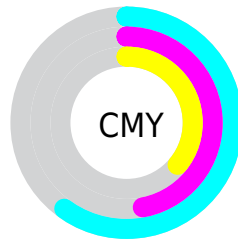
- Red (40%)
- Green (53%)
- Blue (64%)



- Red (40%)
- Yellow (49%)
- Blue (64%)



- Cyan (37%)
- Magenta (18%)
- Yellow (0%)
- Black (36%)



- Cyan (60%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284974756 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 4284974756 by changing the saturation by 10% instead.

■ 4284974756

■ 4284974756

4294967295

■ 4283264394

■ 4288461787

■ 4281619824

■ 4290238456

■ 4279909720

■ 4292146175

■ 4278200384

■ 4293984255

■ 4278194986

■ 4278190357

■ 4278190080

■ 4284974756

■ 4284974756

■ 4283924132

■ 4286025380

■ 4282807972

■ 4287141540

■ 4281757348

■ 4288192164

■ 4280641188

■ 4289308324

■ 4279590564

■ 4290358948

■ 4278539940

■ 4291409572

■ 4278211492

■ 4292525732

■ 4293576612

■ 4294692772

Harmonies

Analogous

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



4283796125



4284974756



4286480547

Triad

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



4284974756



4289099640



4285565549

Complementary

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



4284974756



4288972135

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.



4286809443



4284974756



4288772713

Square

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



4284974756



4288771977



4287987809



4284320893

Rectangle

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



4284974756



4287462557



4287987809



4285958249

Sweetspot

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



4284974756



4290759638



4284982404



4284310635



4293651435



4285229931

Same Dimension

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



4284974756



4285966294



4284967076



4282994258



4278209169



4278192402

Inverse Universe

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



4288964486



4292245159



4288979815



4283582798



4287692874



4279369737

Previews

White Background



This preview shows how the Android color 4284974756 looks on a white background.

Color Contrast Check

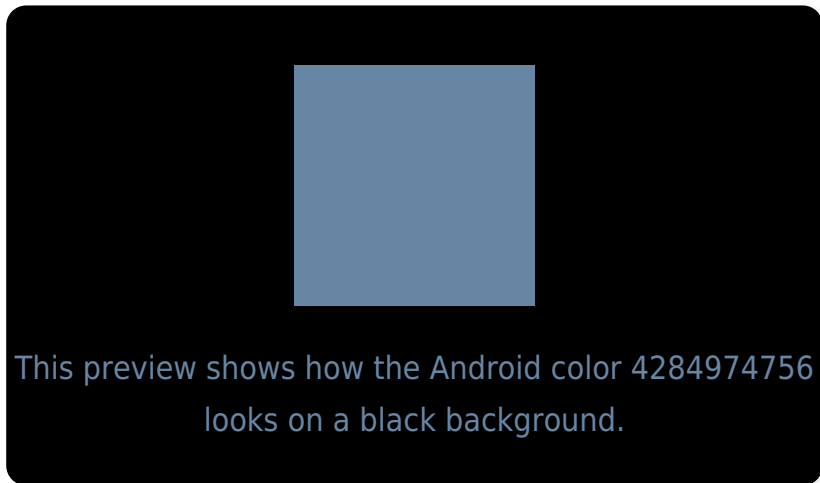
Large Text (above 18pt) WCAG AA ✓ Pass

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

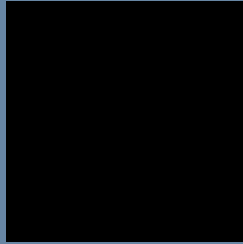
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

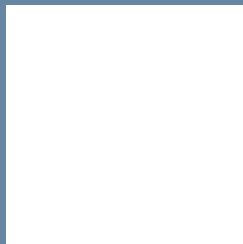
Any Text WCAG AAA × Fail

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

Android 4284974756 Background



This preview shows how black text looks on a background with the Android color 4284974756.

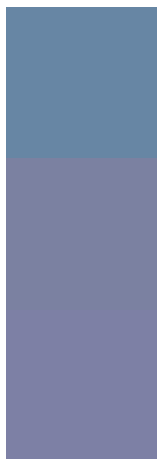


This preview shows how white text looks on a background with the Android color 4284974756.

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

4284974756

Protanopia

4286284193

Deuteranopia

4286415013

Trichromacy



Original Color
4284974756

Protanomaly
4285825954

Deuteranomaly
4285891237

Tritanomaly
4284778650

Monochromacy



Original Color
4284974756

Achromatopsia
4286611584

Achromatomaly
4286022285

CSS Examples

Text

The CSS property to change the color of the text to Android 4284974756 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(103, 134, 164)` looks like.

```
.text, #text, p{  
    color:rgb(103, 134, 164)  
}
```

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(103, 134, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 134, 164) }
```

Border

The CSS property to change the border of an element to Android 4284974756 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(103, 134, 164) }
```

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

```
.border{ border-color:rgb(103, 134, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 134, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 134, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 134, 164);  
box-shadow:4px 4px 4px 4px rgb(103, 134,  
164) }
```

Background

The CSS property to change the background color of an element to Android 4284974756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 134, 164) }
```

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

```
.background{ background-color: rgb(103,  
134, 164) }
```

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