

Converting Colors

Android(4287408064)

Have a look what the booklet for
Android(4287408064) contains.

Android(4287408064)	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(4287408064)

Conversions

Conversions Part 1

Format	Color
Hex	8CA7C0
RGB	140, 167, 192
RGB Percent	55%, 65%, 75%
CMY	0.4510, 0.3451, 0.2471
CMYK	0.27, 0.13, 0.00, 0.25
HSL	209°, 29%, 65%
HSV	209°, 27%, 75%
XYZ	34.1484, 37.0187, 55.2147
YIQ	161.7770, -24.1170, 2.0510

Conversions

Conversions Part 2

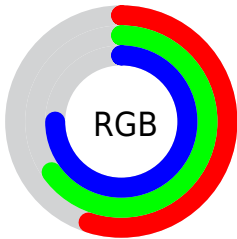
Format	Color
RYB	140, 158, 192
Decimal	9217984
CIELab	67.29, -3.56, -15.88
CIElCh	67, 16.277, 257.362
Yxy	37.0187, 0.2702, 0.2929
Android (android.graphics.Color)	4287408064 (0xFF8CA7C0)
YUV	161.7770, 14.8999, -19.0984
Hunter-Lab	60.8430, -6.2913, -11.2153

Details

The Android color `4287408064` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4290815372`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4290961144`, and `4283986826` is the 20% darker color. If you saturate the color by 10%, you get `4286160576`, and if you desaturate by 10%, it is `4288655552`.

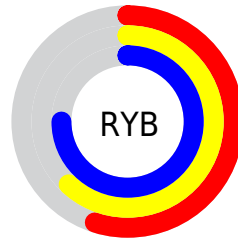
Distribution



Red (55%)

Green (65%)

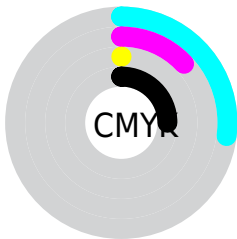
Blue (75%)



Red (55%)

Yellow (62%)

Blue (75%)

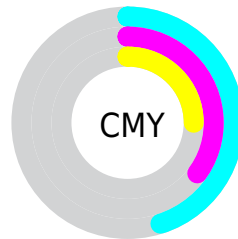


Cyan (27%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (45%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287408064 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 4287408064 by changing the saturation by 10% instead.

 4287408064

 4287408064

4294967295

 4285697445

 4290961144

 4283986826

 4292869119

 4282407793

 4294770687

 4280828760

 4279119169

 4278196523

 4278190358

 4278190080

 4287408064

 4287408064

■ 4286160576

■ 4288655552

■ 4284913088

■ 4289903040

■ 4283599808

■ 4291216320

■ 4282352320

■ 4292463808

■ 4281104832

■ 4293711296

■ 4279857344

■ 4294958784

■ 4278609600

■ 4294961344

■ 4278215872

■ 4294963648

■ 4294965952

Harmonies

Analogous

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



4286557113



4287408064



4288651968

Triad

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



4287408064



4291009180



4287998608

Complementary

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



4287408064



4290815372

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.



4289111688



4287408064



4290813071

Square

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



4287408064



4290681515



4290093448



4287016093

Rectangle

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



4287408064



4289437627



4290093448



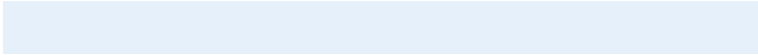
4288391308

Sweetspot

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



4287408064



4293325050



4287414436



4285560701



4294769916



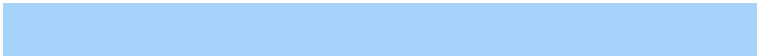
4286414205

Same Dimension

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



4287408064



4289188602



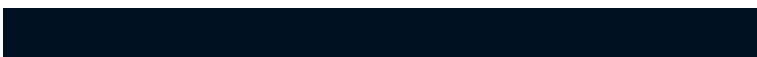
4287401664



4283915361



4278211489



4278194465

Inverse Universe

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



4290808999



4294617042



4290821772



4284569436



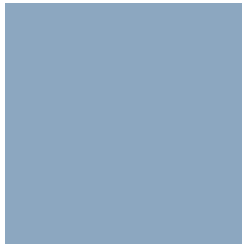
4288741459



4280352785

Previews

White Background



This preview shows how the Android color 4287408064 looks on a white background.

Color Contrast Check

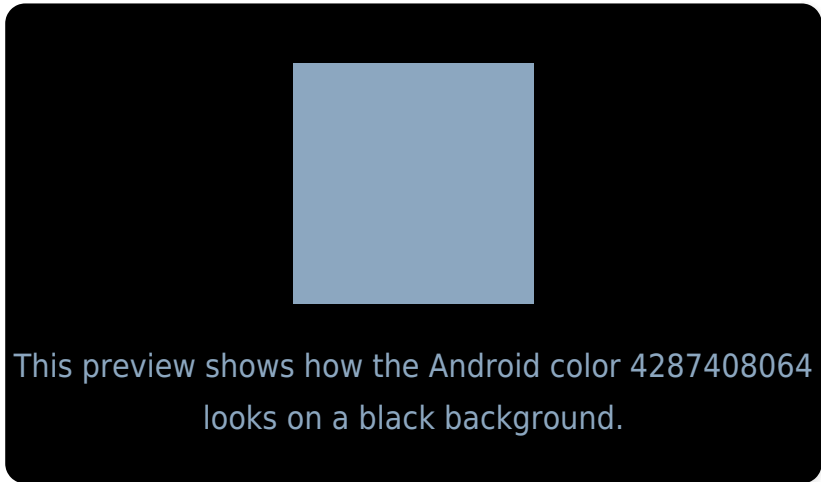
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

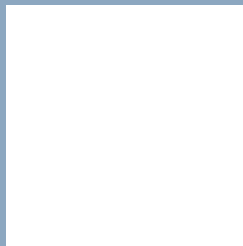
Any Text WCAG AAA ✓ Pass

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

Android 4287408064 Background



This preview shows how black text looks on a background with the Android color 4287408064.



This preview shows how white text looks on a background with the Android color 4287408064.

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
4287408064

Protanopia
4288651965

Deuteranopia
4289044674

Trichromacy



Original Color

4287408064

Protanomaly

4288193726

Deuteranomaly

4288455617

Tritanomaly

4287342778

Monochromacy



Original Color

4287408064

Achromatopsia

4288848546

Achromatomaly

4288324781

CSS Examples

Text

The CSS property to change the color of the text to Android 4287408064 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(140, 167, 192)` looks like.

```
.text, #text, p{  
    color:rgb(140, 167, 192)  
}
```

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(140, 167, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 167, 192) }
```

Border

The CSS property to change the border of an element to Android 4287408064 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(140, 167, 192) }
```

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

```
.border{ border-color:rgb(140, 167, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 167, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 167, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 167, 192);  
box-shadow:4px 4px 4px 4px rgb(140, 167,  
192) }
```

Background

The CSS property to change the background color of an element to Android 4287408064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 167, 192) }
```

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

```
.background{ background-color: rgb(140,  
167, 192) }
```

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