

Converting Colors

Android(4284448418)

Have a look what the booklet for
Android(4284448418) contains.

Android(4284448418)	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(4284448418)

Conversions

Conversions Part 1

Format	Color
Hex	5F7EA2
RGB	95, 126, 162
RGB Percent	37%, 49%, 64%
CMY	0.6275, 0.5059, 0.3647
CMYK	0.41, 0.22, 0.00, 0.36
HSL	212°, 26%, 50%
HSV	212°, 41%, 64%
XYZ	18.7018, 19.9632, 37.0500
YIQ	120.8350, -30.0320, 4.6240

Conversions

Conversions Part 2

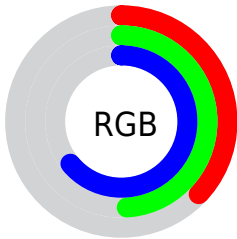
Format	Color
R _Y B	95, 116, 162
Decimal	6258338
CIE Lab	51.80, -1.41, -22.74
CIE LCh	52, 22.783, 266.460
Yxy	19.9632, 0.2470, 0.2637
Android (android.graphics.Color)	4284448418 (0xFF5F7EA2)
YUV	120.8350, 20.2943, -22.6573
Hunter-Lab	44.6802, -3.4759, -17.8886

Details

The Android color `4284448418` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4288840543`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4287935449`, and `4281027950` is the 20% darker color. If you saturate the color by 10%, you get `4283397538`, and if you desaturate by 10%, it is `4285499298`.

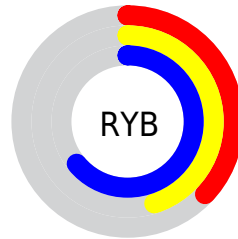
Distribution



Red (37%)

Green (49%)

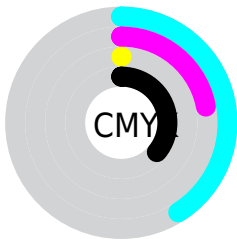
Blue (64%)



Red (37%)

Yellow (45%)

Blue (64%)

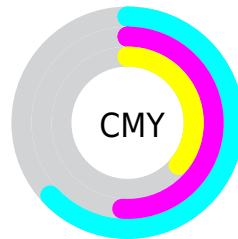


Cyan (41%)

Magenta (22%)

Yellow (0%)

Black (36%)



Cyan (63%)

Magenta (51%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284448418 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 4284448418 by changing the saturation by 10% instead.

 4284448418

 4284448418

4294967295

 4282738056

 4287935449

 4281027950

 4289711861

 4279121750

 4291554047

 4278198590

 4293459967

 4278192680

 4278190355

 4278190080

 4284448418

 4284448418

 4283397538

 4285499298

■ 4282346914

■ 4286549922

■ 4281230498

■ 4287666338

■ 4280179618

■ 4288717218

■ 4279128738

■ 4289768098

■ 4278209442

■ 4290818722

■ 4291869602

■ 4292986018

■ 4294036642

Harmonies

Analogous

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



4282811291



4284448418



4286281630

Triad

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



4284448418



4288835179



4284580965

Complementary

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



4284448418



4288840543

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.



4286021720



4284448418



4288377692

Square

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



4284448418



4288703871



4287396181



4283139704

Rectangle

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



4284448418



4287329174



4287396181



4285039456

Sweetspot

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



4284448418



4290430676



4284457603



4284244843



4293651435



4285229931

Same Dimension

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



4284448418



4285176788



4284571554



4282994002



4278207377



4278192146

Inverse Universe

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



4288831358



4292111003



4288717407



4283582797



4287692867



4279369736

Previews

White Background



This preview shows how the Android color 4284448418 looks on a white background.

Color Contrast Check

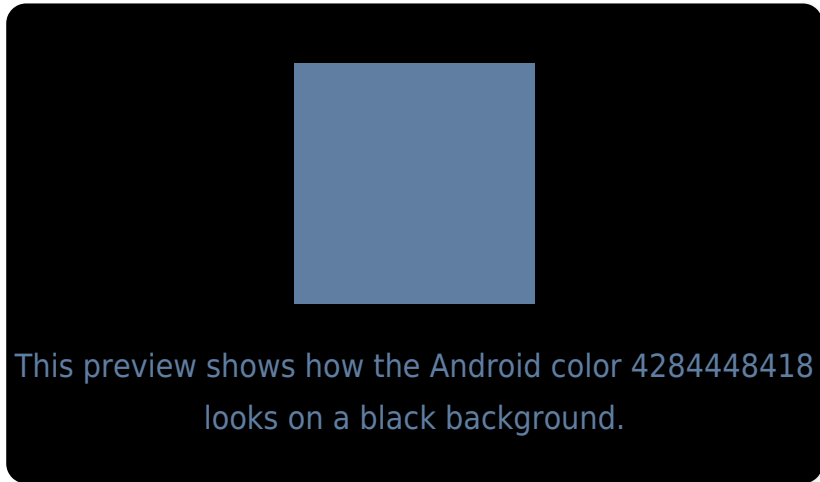
Large Text (above 18pt) WCAG AA ✓ Pass

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

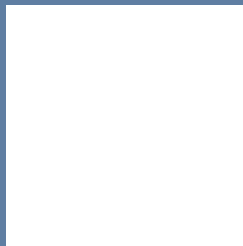
Any Text WCAG AAA × Fail

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

Android 4284448418 Background



This preview shows how black text looks on a background with the Android color 4284448418.



This preview shows how white text looks on a background with the Android color 4284448418.

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

4284448418

Protanopia

4285627039

Deuteranopia

4285626787

Trichromacy



Original Color
4284448418

Protanomaly
4285168544

Deuteranomaly
4285168547

Tritanomaly
4284187028

Monochromacy



Original Color
4284448418

Achromatopsia
4286151033

Achromatomaly
4285561736

CSS Examples

Text

The CSS property to change the color of the text to Android 4284448418 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(95, 126, 162)` looks like.

```
.text, #text, p{  
    color:rgb(95, 126, 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(95, 126, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 126, 162) }
```

Border

The CSS property to change the border of an element to Android 4284448418 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(95, 126, 162) }
```

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

```
.border{ border-color:rgb(95, 126, 162) }
```

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

Here you see how a box with a 4 pixel rgb(95, 126, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 126, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 126, 162);  
box-shadow:4px 4px 4px 4px rgb(95, 126,  
162) }
```

Background

The CSS property to change the background color of an element to Android 4284448418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 126, 162) }
```

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

```
.background{ background-color: rgb(95, 126,  
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