

Converting Colors

Android(4284120018)

Have a look what the booklet for
Android(4284120018) contains.

Android(4284120018)	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(4284120018)

Conversions

Conversions Part 1

Format	Color
Hex	5A7BD2
RGB	90, 123, 210
RGB Percent	35%, 48%, 82%
CMY	0.6471, 0.5176, 0.1765
CMYK	0.57, 0.41, 0.00, 0.18
HSL	224°, 57%, 59%
HSV	224°, 57%, 82%
XYZ	22.9323, 20.9927, 63.8161
YIQ	123.0510, -47.5950, 20.0610

Conversions

Conversions Part 2

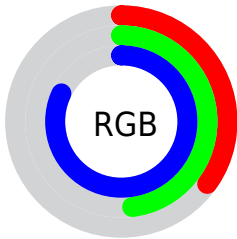
Format	Color
R_{YB}	90, 116, 210
Decimal	5929938
CIE _{Lab}	52.94, 14.11, -48.51
CIE _{LCh}	53, 50.519, 286.218
Yxy	20.9927, 0.2128, 0.1948
Android (android.graphics.Color)	4284120018 (0xFF5A7BD2)
YUV	123.0510, 42.8659, -28.9857
Hunter-Lab	45.8178, 9.1598, -50.5080

Details

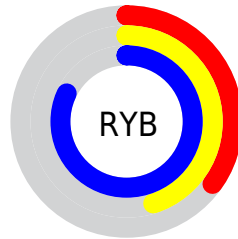
The Android color `4284120018` is a dark color, and the websafe version is hex `3366CC`. The color can be described as middle muted azure. A complement of this color would be `4291998042`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4287934463`, and `4279389083` is the 20% darker color. If you saturate the color by 10%, you get `4282739922`, and if you desaturate by 10%, it is `4285500114`.

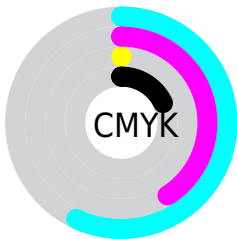
Distribution



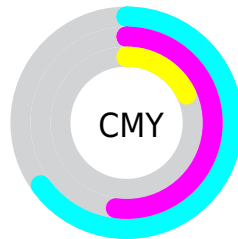
- Red (35%)
- Green (48%)
- Blue (82%)



- Red (35%)
- Yellow (45%)
- Blue (82%)



- Cyan (57%)
- Magenta (41%)
- Yellow (0%)
- Black (18%)



- Cyan (65%)
- Magenta (52%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284120018 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 4284120018 by changing the saturation by 10% instead.

 4284120018

 4284120018

4294967295


 4282081974

 4287934463

 4279389083

 4289841919

 4278203776

 4291749631

 4278198375

 4293722111

 4278192462

 4278191415

 4278190624

 4278190085

 4278190080

■ 4284120018

■ 4284120018

■ 4282739922

■ 4285500114

■ 4281359826

■ 4286880210

■ 4279979474

■ 4288260562

■ 4278599378

■ 4289640658

■ 4278205138

■ 4291020754

■ 4292400850

■ 4293781202

■ 4294964690

■ 4294967250

Harmonies

Analogous

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



4278225363



4284120018



4288637371

Triad

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



4284120018



4290929729



4278227560

Complementary

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



4284120018



4291998042

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.



4283272511



4284120018



4289099045

Square

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



4284120018



4291712873



4286546723



4278227861

Rectangle

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



4284120018



4290404002



4286546723



4278620506

Sweetspot

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



4284120018



4292141311



4284142256



4284902784



4278190080



4286611584

Same Dimension

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



4284120018



4283400191



4285815506



4284375401



4278202024



4278192937

Inverse Universe

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



4291975803



4294922111



4290302554



4285095521



4289200174



4280877067

Previews

White Background



This preview shows how the Android color 4284120018 looks on a white background.

Color Contrast Check

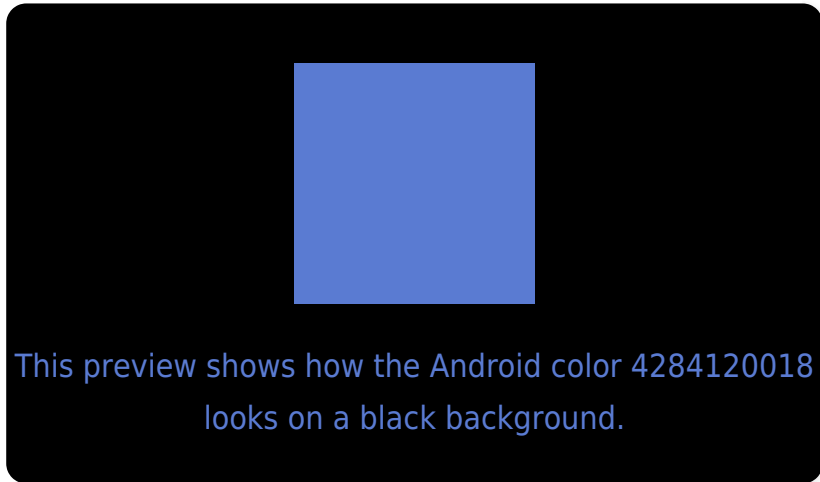
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284120018 Background



This preview shows how black text looks on a background with the Android color 4284120018.

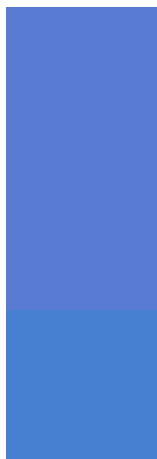


This preview shows how white text looks on a background with the Android color 4284120018.

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

4284120018

Protanopia

4284120018

Deuteranopia

4282875857

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4284120018 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(90, 123, 210)` looks like.

```
.text, #text, p{  
    color:rgb(90, 123, 210)  
}
```

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(90, 123, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 123, 210) }
```

Border

The CSS property to change the border of an element to Android 4284120018 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(90, 123, 210) }
```

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

```
.border{ border-color:rgb(90, 123, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 123, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 123, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 123, 210);  
box-shadow:4px 4px 4px 4px rgb(90, 123,  
210) }
```

Background

The CSS property to change the background color of an element to Android 4284120018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 123, 210) }
```

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

```
.background{ background-color: rgb(90, 123,  
210) }
```

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