

Converting Colors

Android(4284120011)

Have a look what the booklet for
Android(4284120011) contains.

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Color

Android(4284120011)

Conversions

Conversions Part 1

Format	Color
Hex	5A7BCB
RGB	90, 123, 203
RGB Percent	35%, 48%, 80%
CMY	0.6471, 0.5176, 0.2039
CMYK	0.56, 0.39, 0.00, 0.20
HSL	222°, 52%, 57%
HSV	222°, 56%, 80%
XYZ	22.0789, 20.6514, 59.3223
YIQ	122.2530, -45.3480, 17.8840

Conversions

Conversions Part 2

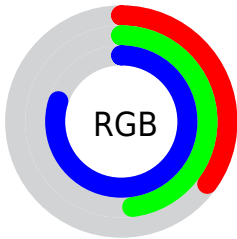
Format	Color
R _Y B	90, 116, 203
Decimal	5929931
CIE _{Lab}	52.57, 11.82, -45.13
CIE _{LCh}	53, 46.654, 284.675
Y _{xy}	20.6514, 0.2163, 0.2024
Android (android.graphics.Color)	4284120011 (0xFF5A7BCB)
YUV	122.2530, 39.8083, -28.2859
Hunter-Lab	45.4438, 7.1978, -45.5866

Details

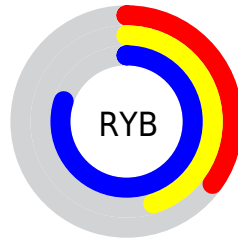
The Android color `4284120011` is a dark color, and the websafe version is hex `6699FF`. The color can be described as middle muted azure. A complement of this color would be `4291537498`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4287868927`, and `4279716756` is the 20% darker color. If you saturate the color by 10%, you get `4282805707`, and if you desaturate by 10%, it is `4285434315`.

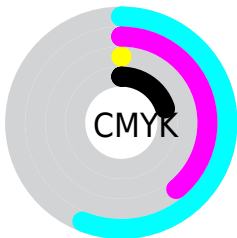
Distribution



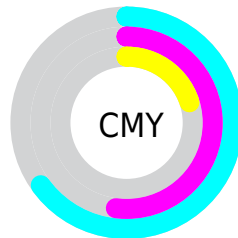
- Red (35%)
- Green (48%)
- Blue (80%)



- Red (35%)
- Yellow (45%)
- Blue (80%)



- Cyan (56%)
- Magenta (39%)
- Yellow (0%)
- Black (20%)



- Cyan (65%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284120011 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 4284120011 by changing the saturation by 10% instead.

■ 4284120011

■ 4284120011

4294967295

■ 4282147503

■ 4287868927

■ 4279716756

■ 4289776383

■ 4278203770

■ 4291684095

■ 4278198369

■ 4293591039

■ 4278192201

■ 4278191153

■ 4278190363

■ 4278190080

■ 4284120011

■ 4284120011

■ 4282805707

■ 4285434315

■ 4281425611

■ 4286814411

■ 4280111307

■ 4288128715

■ 4278797003

■ 4289443019

■ 4278205387

■ 4290823115

■ 4292137419

■ 4293451979

■ 4294766283

■ 4294966475

Harmonies

Analogous

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



4278225098



4284120011



4288244663

Triad

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



4284120011



4290667847



4278227047

Complementary

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



4284120011



4291537498

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.



4283730754



4284120011



4289033261

Square

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



4284120011



4291320427



4286677291



4278227344

Rectangle

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



4284120011



4289946016



4286677291



4280717146

Sweetspot

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



4284120011



4292141311



4284140457



4284902784



4278190080



4286611584

Same Dimension

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



4284120011



4283729663



4285618891



4284243814



4278202534



4278192934

Inverse Universe

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



4291517051



4294923398



4290038618



4284898399



4289069104



4280680459

Previews

White Background



This preview shows how the Android color 4284120011 looks on a white background.

Color Contrast Check

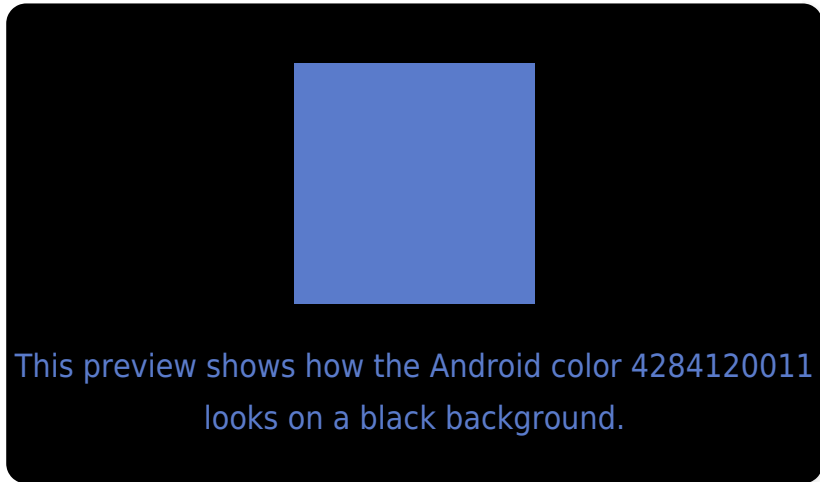
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284120011 Background



This preview shows how black text looks on a background with the Android color 4284120011.

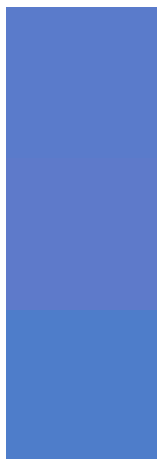


This preview shows how white text looks on a background with the Android color 4284120011.

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

4284120011

Protanopia

4284381898

Deuteranopia

4283334090

Trichromacy



Original Color
4284120011

Protanomaly
4284316362

Deuteranomaly
4283595978

Tritanomaly
4283204519

Monochromacy



Original Color
4284120011

Achromatopsia
4286216826

Achromatomaly
4285430423

CSS Examples

Text

The CSS property to change the color of the text to Android 4284120011 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(90, 123, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 123, 203) }
```

Border

The CSS property to change the border of an element to Android 4284120011 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, 203) }
```

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

```
.border{ border-color:rgb(90, 123, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 123, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 123, 203);  
box-shadow:4px 4px 4px 4px rgb(90, 123,  
203) }
```

Background

The CSS property to change the background color of an element to Android 4284120011 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, 203) }
```

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

```
.background{ background-color: rgb(90, 123,  
203) }
```

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](#).

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