

Converting Colors

Android(4280111051)

Have a look what the booklet for
Android(4280111051) contains.

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Color

Android(4280111051)

Conversions

Conversions Part 1

Format	Color
Hex	1D4FCB
RGB	29, 79, 203
RGB Percent	11%, 31%, 80%
CMY	0.8863, 0.6902, 0.2039
CMYK	0.86, 0.61, 0.00, 0.20
HSL	223°, 75%, 45%
HSV	223°, 86%, 80%
XYZ	14.0822, 10.1650, 57.7197
YIQ	78.1860, -69.6040, 27.9640

Conversions

Conversions Part 2

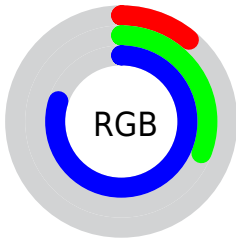
Format	Color
R_{YB}	29, 68, 203
Decimal	1920971
CIE Lab	38.14, 31.23, -68.52
CIE LCh	38, 75.304, 294.498
Yxy	10.1650, 0.1718, 0.1240
Android (android.graphics.Color)	4280111051 (0xFF1D4FCB)
YUV	78.1860, 61.5333, -43.1361
Hunter-Lab	31.8826, 23.0470, -85.0200

Details

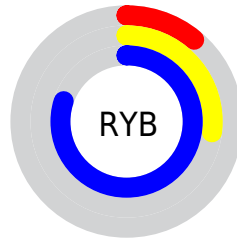
The Android color `4280111051` is a dark color, and the websafe version is hex `003399`. The color can be described as dark washed blue. A complement of this color would be `4291533085`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4285300991`, and `4278199444` is the 20% darker color. If you saturate the color by 10%, you get `4278796747`, and if you desaturate by 10%, it is `4281425355`.

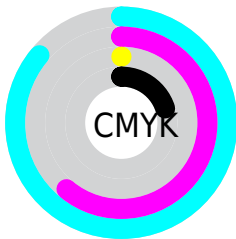
Distribution



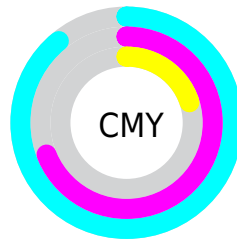
- Red (11%)
- Green (31%)
- Blue (80%)



- Red (11%)
- Yellow (27%)
- Blue (80%)



- Cyan (86%)
- Magenta (61%)
- Yellow (0%)
- Black (20%)



- Cyan (89%)
- Magenta (69%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280111051 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 4280111051 by changing the saturation by 10% instead.

■ 4280111051

■ 4280111051

4294967295

■ 4278204847

■ 4285300991

■ 4278199444

■ 4287339007

■ 4278194809

■ 4289377535

■ 4278190175

■ 4291350783

■ 4278192199

■ 4293389567

■ 4278191151

■ 4278190362

■ 4278190080

■ 4280111051

■ 4280111051

■ 4278796747

■ 4281425355

■ 4278205131

■ 4282805451

■ 4284119755

■ 4285434315

■ 4286814155

■ 4288128715

■ 4289443019

■ 4290757579

■ 4292137419

Harmonies

Analogous

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



4278216406



4280111051



4287964066

Triad

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



4280111051



4288885760



4278219084

Complementary

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



4280111051



4291533085

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.



4278217984



4280111051



4286075904

Square

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



4280111051



4290510892



4282213632



4278219403

Rectangle

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



4280111051



4289921148



4282213632



4278218806

Sweetspot

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



4280111051



4290629887



4280142743



4283982720



4278190080



4286611584

Same Dimension

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



4280111051



4278209023



4282392011



4284243814



4278202534



4278192934

Inverse Universe

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



4291501391



4294901833



4289252125



4284898399



4289069104



4280680459

Previews

White Background



This preview shows how the Android color 4280111051 looks on a white background.

Color Contrast Check

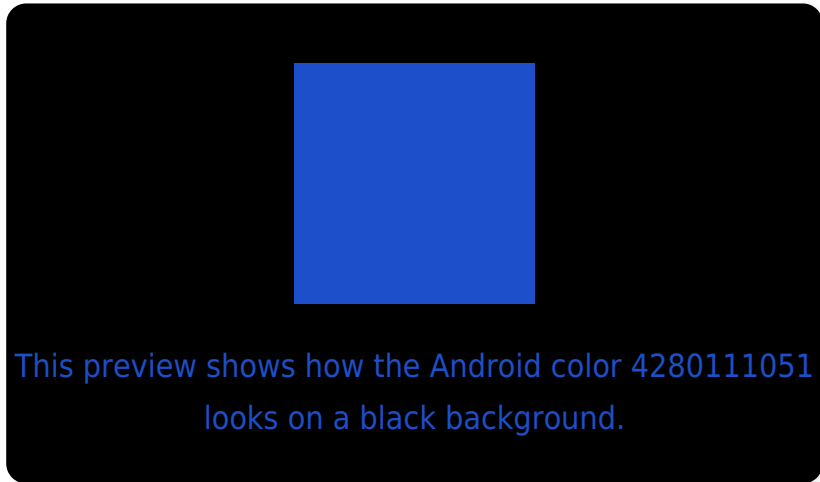
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4280111051 Background



This preview shows how black text looks on a background with the Android color 4280111051.



This preview shows how white text looks on a background with the Android color 4280111051.

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

4280111051

Protanopia

4278212278

Deuteranopia

4278213788

Trichromacy



Original Color
4280111051

Protanomaly
4278932414

Deuteranomaly
4278933421

Tritanomaly
4278934669

Monochromacy



Original Color
4280111051

Achromatopsia
4283321934

Achromatomaly
4282142331

CSS Examples

Text

The CSS property to change the color of the text to Android 4280111051 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(29, 79, 203)` looks like.

```
.text, #text, p{  
    color:rgb(29, 79, 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(29, 79, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 79, 203) }
```

Border

The CSS property to change the border of an element to Android 4280111051 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(29, 79, 203) }
```

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

```
.border{ border-color:rgb(29, 79, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 79, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 79, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 79, 203);  
box-shadow:4px 4px 4px 4px rgb(29, 79,  
203) }
```

Background

The CSS property to change the background color of an element to Android 4280111051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 79, 203) }
```

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

```
.background{ background-color: rgb(29, 79,  
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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