

Converting Colors

Android(4280628183)

Have a look what the booklet for
Android(4280628183) contains.

Android(4280628183)	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(4280628183)

Conversions

Conversions Part 1

Format	Color
Hex	2533D7
RGB	37, 51, 215
RGB Percent	15%, 20%, 84%
CMY	0.8549, 0.8000, 0.1569
CMYK	0.83, 0.76, 0.00, 0.16
HSL	235°, 71%, 49%
HSV	235°, 83%, 84%
XYZ	14.2125, 7.6673, 65.0208
YIQ	65.5100, -60.9880, 48.0360

Conversions

Conversions Part 2

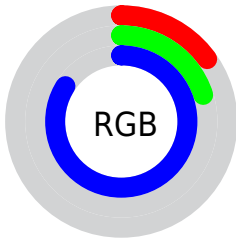
Format	Color
R_{YB}	37, 50, 215
Decimal	2438103
CIE _{Lab}	33.28, 52.97, -83.45
CIE _{LCh}	33, 98.848, 302.406
Yxy	7.6673, 0.1635, 0.0882
Android (android.graphics.Color)	4280628183 (0xFF2533D7)
YUV	65.5100, 73.6986, -25.0033
Hunter-Lab	27.6898, 43.1625, -119.8410

Details

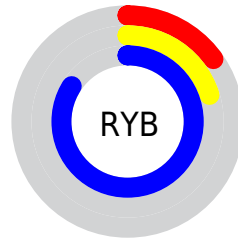
The Android color `4280628183` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4292331813`, and the grayscale version is `4282466625`.

A 20% lighter version of the original color is `4285883647`, and `4278191263` is the 20% darker color. If you saturate the color by 10%, you get `4279246807`, and if you desaturate by 10%, it is `4282075095`.

Distribution



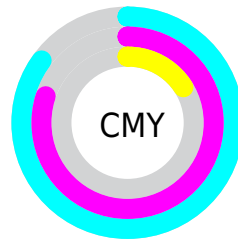
- Red (15%)
- Green (20%)
- Blue (84%)



- Red (15%)
- Yellow (20%)
- Blue (84%)



- Cyan (83%)
- Magenta (76%)
- Yellow (0%)
- Black (16%)



- Cyan (85%)
- Magenta (80%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280628183 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 4280628183 by changing the saturation by 10% instead.

 4280628183

 4280628183

4294967295

 4278197434

 4285883647

 4278191263

 4287987199

 4278190212

 4290025727

 4278190185

 4292129791

 4278192720

 4294168575

 4278191416

 4294962175

 4278190626

 4278190087

 4278190080

■ 4280628183

■ 4280628183

■ 4279246807

■ 4282075095

■ 4278194647

■ 4283456471

■ 4284903127

■ 4286284503

■ 4287731415

■ 4289112791

■ 4290559703

■ 4291940823

■ 4293387735

Harmonies

Analogous

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



4278213617



4280628183



4289265817

Triad

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



4280628183



4288029440



4278216531

Complementary

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



4280628183



4292331813

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.



4278215936



4280628183



4284174080

Square

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



4280628183



4290707456



4278214400



4278217378

Rectangle

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



4280628183



4291035238



4278214400



4278216503

Sweetspot

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



4280628183



4290757887



4280670152



4284046464



4278190080



4286611584

Same Dimension

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



4280628183



4278392575



4285474263



4284506475



4278193579



4278190891

Inverse Universe

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



4292289843



4294902550



4287485733



4285227105



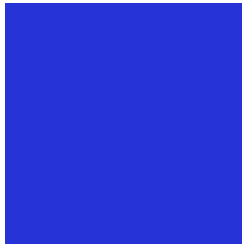
4289396749



4281008131

Previews

White Background



This preview shows how the Android color 4280628183 looks on a white background.

Color Contrast Check

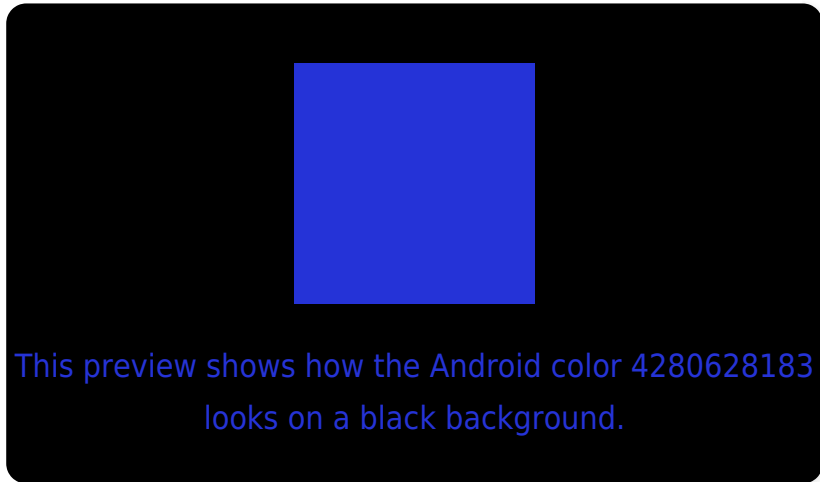
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Android 4280628183 Background



This preview shows how black text looks on a background with the Android color 4280628183.



This preview shows how white text looks on a background with the Android color 4280628183.

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

4280628183

Protanopia

4278209438

Deuteranopia

4278210694

Trichromacy



Original Color
4280628183

Protanomaly
4279059123

Deuteranomaly
4279059875

Tritanomaly
4279060872

Monochromacy



Original Color
4280628183

Achromatopsia
4282532418

Achromatomaly
4281810296

CSS Examples

Text

The CSS property to change the color of the text to Android 4280628183 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(37, 51, 215)` looks like.

```
.text, #text, p{  
    color:rgb(37, 51, 215)  
}
```

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(37, 51, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 51, 215) }
```

Border

The CSS property to change the border of an element to Android 4280628183 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(37, 51, 215) }
```

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

```
.border{ border-color:rgb(37, 51, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 51, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 51, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 51, 215);  
box-shadow:4px 4px 4px 4px rgb(37, 51,  
215) }
```

Background

The CSS property to change the background color of an element to Android 4280628183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 51, 215) }
```

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

```
.background{ background-color: rgb(37, 51,  
215) }
```

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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