

Converting Colors

Android(4281227953)

Have a look what the booklet for
Android(4281227953) contains.

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Color

Android(4281227953)

Conversions

Conversions Part 1

Format	Color
Hex	2E5AB1
RGB	46, 90, 177
RGB Percent	18%, 35%, 69%
CMY	0.8196, 0.6471, 0.3059
CMYK	0.74, 0.49, 0.00, 0.31
HSL	220°, 59%, 44%
HSV	220°, 74%, 69%
XYZ	12.7187, 11.0675, 43.0609
YIQ	86.7620, -54.1510, 17.7290

Conversions

Conversions Part 2

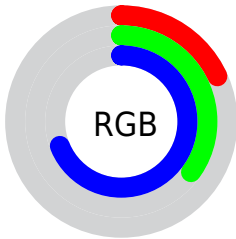
Format	Color
RYB	46, 79, 177
Decimal	3037873
CIELab	39.69, 15.68, -50.78
CIELCh	40, 53.147, 287.163
Yxy	11.0675, 0.1903, 0.1656
Android (android.graphics.Color)	4281227953 (0xFF2E5AB1)
YUV	86.7620, 44.4873, -35.7483
Hunter-Lab	33.2678, 10.0239, -53.4556

Details

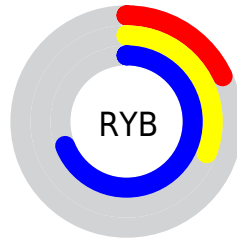
The Android color `4281227953` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4289824046`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4285369577`, and `4278201724` is the 20% darker color. If you saturate the color by 10%, you get `4280045233`, and if you desaturate by 10%, it is `4282410673`.

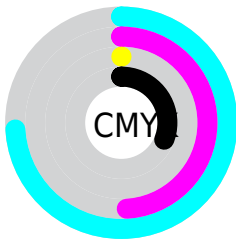
Distribution



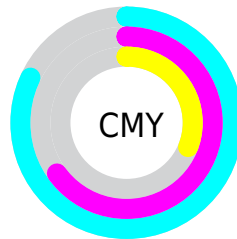
- Red (18%)
- Green (35%)
- Blue (69%)



- Red (18%)
- Yellow (31%)
- Blue (69%)



- Cyan (74%)
- Magenta (49%)
- Yellow (0%)
- Black (31%)



- Cyan (82%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281227953 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 4281227953 by changing the saturation by 10% instead.

■ 4281227953

■ 4281227953

4294967295

■ 4278207382

■ 4285369577

■ 4278201724

■ 4287276799

■ 4278196834

■ 4289249791

■ 4278190154

■ 4291157247

■ 4278191154

■ 4293130751

■ 4278190620

■ 4278190080

■ 4281227953

■ 4281227953

■ 4280045233

■ 4282410673

■ 4278928049

■ 4283527857

■ 4278205361

■ 4284710321

■ 4285893041

■ 4287075761

■ 4288192945

■ 4289375409

■ 4290558129

■ 4291675313

Harmonies

Analogous

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



4278216882



4281227953



4286465689

Triad

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



4281227953



4288495902



4278218825

Complementary

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



4281227953



4289824046

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.



4280445980



4281227953



4286665984

Square

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



4281227953



4289343559



4284113664



4278219126

Rectangle

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



4281227953



4288231296



4284113664



4278218554

Sweetspot

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



4281227953



4289971430



4281250179



4283785075



4294111986



4285756275

Same Dimension

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



4281227953



4279852774



4282527409



4283454297



4278203289



4278192410

Inverse Universe

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



4289801818



4293269854



4288524590



4284043347



4288217139



4279894025

Previews

White Background



This preview shows how the Android color 4281227953 looks on a white background.

Color Contrast Check

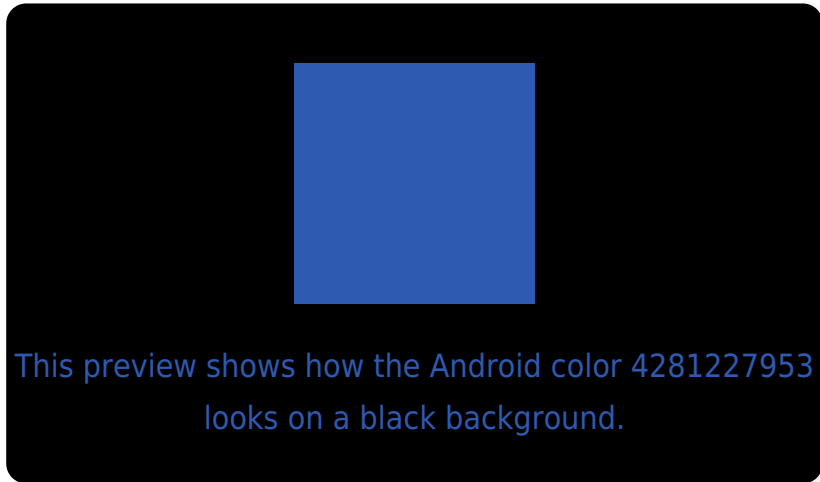
Large Text (above 18pt) WCAG AA ✓ Pass

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

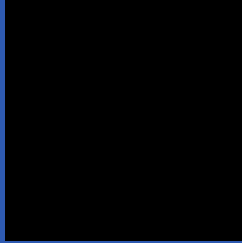
Any Text WCAG AA × Fail

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 4281227953 Background



This preview shows how black text looks on a background with the Android color 4281227953.



This preview shows how white text looks on a background with the Android color 4281227953.

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

4281227953

Protanopia

4281162417

Deuteranopia

4278214567

Trichromacy



Original Color
4281227953

Protanomaly
4281162417

Deuteranomaly
4279328171

Tritanomaly
4279329415

Monochromacy



Original Color
4281227953

Achromatopsia
4283914071

Achromatomaly
4282931320

CSS Examples

Text

The CSS property to change the color of the text to Android 4281227953 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(46, 90, 177)` looks like.

```
.text, #text, p{  
    color:rgb(46, 90, 177)  
}
```

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(46, 90, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 90, 177) }
```

Border

The CSS property to change the border of an element to Android 4281227953 is called "border". The border property can be set on classes, ids or directly on the HTML element.

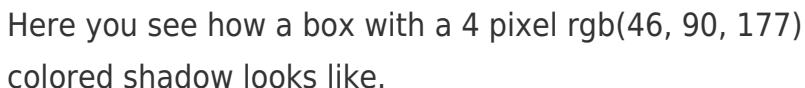
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(46, 90, 177) }
```

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

```
.border{ border-color:rgb(46, 90, 177) }
```

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



Here you see how a box with a 4 pixel `rgb(46, 90, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 90, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 90, 177);  
box-shadow:4px 4px 4px 4px rgb(46, 90,  
177) }
```

Background

The CSS property to change the background color of an element to Android 4281227953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 90, 177) }
```

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

```
.background{ background-color: rgb(46, 90,  
177) }
```

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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