

Converting Colors

Android(4281685681)

Have a look what the booklet for
Android(4281685681) contains.

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Color

Android(4281685681)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3556B1 |
| RGB | 53, 86, 177 |
| RGB Percent | 21%, 34%, 69% |
| CMY | 0.7922, 0.6627, 0.3059 |
| CMYK | 0.70, 0.51, 0.00, 0.31 |
| HSL | 224°, 54%, 45% |
| HSV | 224°, 70%, 69% |
| XYZ | 12.7318, 10.5868, 42.9674 |
| YIQ | 86.5070, -48.8790, 21.3050 |

Conversions

Conversions Part 2

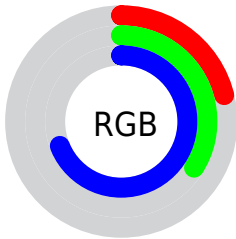
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 53, 79, 177 |
| Decimal | 3495601 |
| CIELab | 38.88, 19.30, -52.08 |
| CIELCh | 39, 55.545, 290.331 |
| Yxy | 10.5868, 0.1921, 0.1597 |
| Android (android.graphics.Color) | 4281685681 (0xFF3556B1) |
| YUV | 86.5070, 44.6130, -29.3856 |
| Hunter-Lab | 32.5373, 12.9064, -55.5196 |

Details

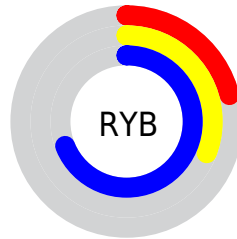
The Android color `4281685681` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4289826869`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4285695977`, and `4278200955` is the 20% darker color. If you saturate the color by 10%, you get `4280502705`, and if you desaturate by 10%, it is `4282868657`.

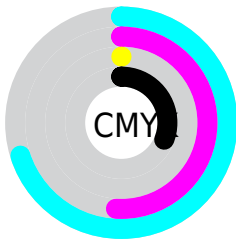
Distribution



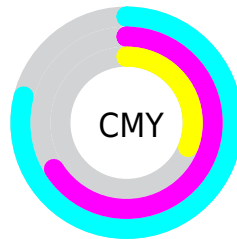
- Red (21%)
- Green (34%)
- Blue (69%)



- Red (21%)
- Yellow (31%)
- Blue (69%)



- Cyan (70%)
- Magenta (51%)
- Yellow (0%)
- Black (31%)



- Cyan (79%)
- Magenta (66%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281685681 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 4281685681 by changing the saturation by 10% instead.

■ 4281685681

■ 4281685681

4294967295

■ 4278402966

■ 4285695977

■ 4278200955

■ 4287603199

■ 4278196066

■ 4289510655

■ 4278190154

■ 4291418367

■ 4278191154

■ 4293391615

■ 4278190620

■ 4278190080

■ 4281685681

■ 4281685681

■ 4280502705

■ 4282868657

■ 4279385265

■ 4283986097

■ 4278202289

■ 4285169073

■ 4286352049

■ 4287535025

■ 4288652465

■ 4289835441

■ 4291018417

■ 4292135857

Harmonies

Analogous

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



4278216117



4281685681



4286726294

Triad

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



4281685681



4288299028



4278218571

Complementary

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



4281685681



4289826869

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.



4278741787



4281685681



4286272512

Square

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



4281685681



4289342271



4283589376



4278218874

Rectangle

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



4281685681



4288426107



4283589376



4278218299

Sweetspot

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



4281685681



4290101990



4281708944



4283850355



4294111986



4285756275

Same Dimension

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



4281685681



4280637670



4283577777



4283454297



4278200729



4278191898

Inverse Universe

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



4289803606



4293272920



4287934773



4284043347



4288217129



4279894023

Previews

White Background



This preview shows how the Android color 4281685681 looks on a white background.

Color Contrast Check

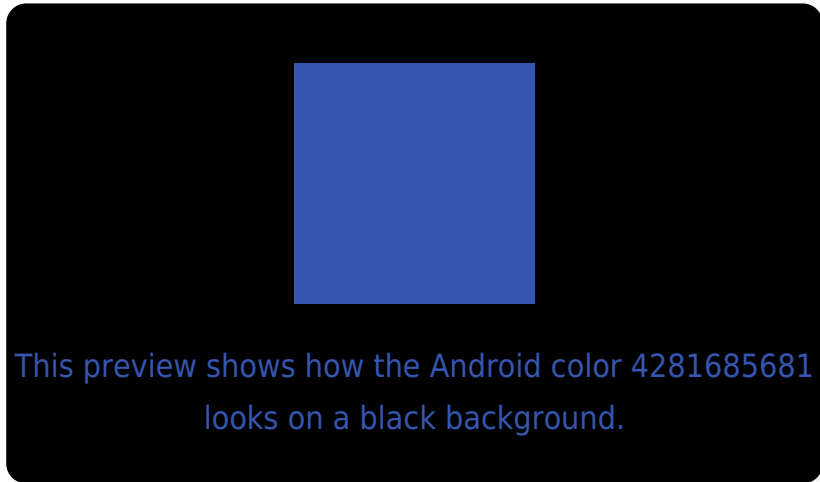
Large Text (above 18pt) WCAG AA ✓ Pass

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

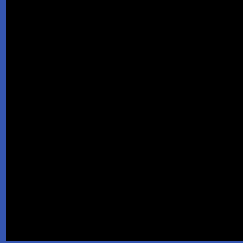
Any Text WCAG AA × Fail

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 4281685681 Background



This preview shows how black text looks on a background with the Android color 4281685681.



This preview shows how white text looks on a background with the Android color 4281685681.

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

4281685681

Protanopia

4280441011

Deuteranopia

4278214051

Trichromacy



Original Color
4281685681

Protanomaly
4280899506

Deuteranomaly
4279458472

Tritanomaly
4279459974

Monochromacy



Original Color
4281685681

Achromatopsia
4283914071

Achromatomaly
4283127672

CSS Examples

Text

The CSS property to change the color of the text to Android 4281685681 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(53, 86, 177)` looks like.

```
.text, #text, p{  
    color:rgb(53, 86, 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(53, 86, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 86, 177) }
```

Border

The CSS property to change the border of an element to Android 4281685681 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(53, 86, 177) }
```

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

```
.border{ border-color:rgb(53, 86, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 86, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 86, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 86, 177);  
box-shadow:4px 4px 4px 4px rgb(53, 86,  
177) }
```

Background

The CSS property to change the background color of an element to Android 4281685681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 86, 177) }
```

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

```
.background{ background-color: rgb(53, 86,  
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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