

Converting Colors

Android(4281696180)

Have a look what the booklet for
Android(4281696180) contains.

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Color

Android(4281696180)

Conversions

Conversions Part 1

Format	Color
Hex	357FB4
RGB	53, 127, 180
RGB Percent	21%, 50%, 71%
CMY	0.7922, 0.5020, 0.2941
CMYK	0.71, 0.29, 0.00, 0.29
HSL	205°, 55%, 46%
HSV	205°, 71%, 71%
XYZ	17.2958, 19.2309, 45.9804
YIQ	110.9160, -61.1170, 0.7950

Conversions

Conversions Part 2

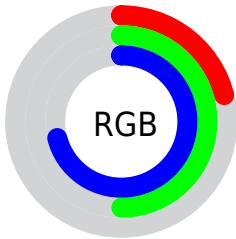
Format	Color
R_{YB}	53, 100, 180
Decimal	3506100
CIE _{Lab}	50.96, -5.27, -34.61
CIE _{LCh}	51, 35.006, 261.346
Yxy	19.2309, 0.2096, 0.2331
Android (android.graphics.Color)	4281696180 (0xFF357FB4)
YUV	110.9160, 34.0584, -50.7923
Hunter-Lab	43.8531, -6.3419, -31.4690

Details

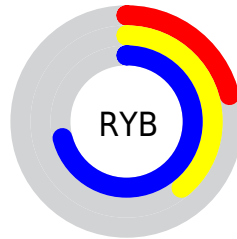
The Android color `4281696180` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4290013749`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4285707500`, and `4278210175` is the 20% darker color. If you saturate the color by 10%, you get `4280514484`, and if you desaturate by 10%, it is `4282877876`.

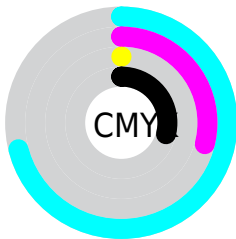
Distribution



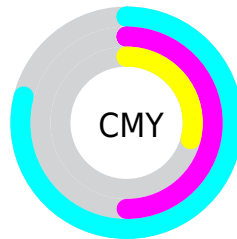
- Red (21%)
- Green (50%)
- Blue (71%)



- Red (21%)
- Yellow (39%)
- Blue (71%)



- Cyan (71%)
- Magenta (29%)
- Yellow (0%)
- Black (29%)





- Cyan (79%)
- Magenta (50%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281696180 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 4281696180 by changing the saturation by 10% instead.

 4281696180

 4281696180

4294967295

 4278347417

 4285707500

 4278210175

 4287614975

 4278204518

 4289522687

 4278199117

 4291493887

 4278192950

 4293394431

 4278190624

 4278190084

 4278190080

 4281696180

 4281696180

■ 4280514484

■ 4282877876

■ 4279333044

■ 4284059316

■ 4278217140

■ 4285241012

■ 4286422452

■ 4287604148

■ 4288785588

■ 4289967284

■ 4291148724

■ 4292330420

Harmonies

Analogous

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



4278224551



4281696180



4285494705

Triad

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



4281696180



4289880677



4283729235

Complementary

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



4281696180



4290013749

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.



4286021184



4281696180



4289292876

Square

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



4281696180



4289553027



4287853886



4280584303

Rectangle

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



4281696180



4287327654



4287853886



4284515147

Sweetspot

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



4281696180



4290369259



4281709674



4283984245



4294309365



4285887861

Same Dimension

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



4281696180



4280522731



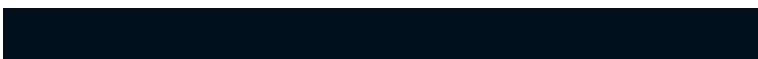
4281680052



4283455065



4278213017



4278193946

Inverse Universe

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



4290000255



4293600151



4290029877



4284043350



4288217177



4279894031

Previews

White Background



This preview shows how the Android color 4281696180 looks on a white background.

Color Contrast Check

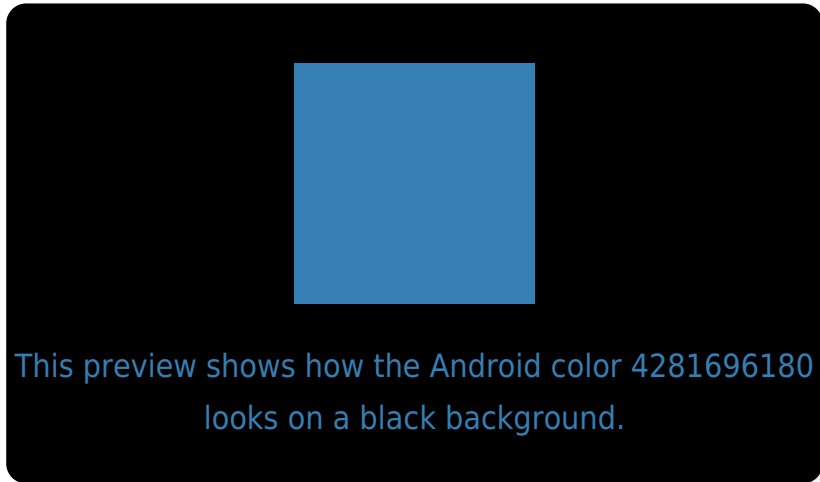
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281696180 Background



This preview shows how black text looks on a background with the Android color 4281696180.

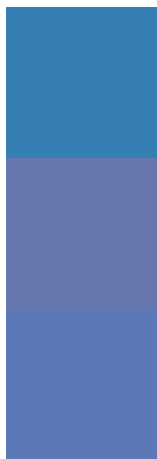


This preview shows how white text looks on a background with the Android color 4281696180.

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
4281696180

Protanopia
4284970925

Deuteranopia
4284250294

Trichromacy



Original Color
4281696180

Protanomaly
4283792048

Deuteranomaly
4283333557

Tritanomaly
4280517534

Monochromacy



Original Color
4281696180

Achromatopsia
4285493103

Achromatomaly
4284118408

CSS Examples

Text

The CSS property to change the color of the text to Android 4281696180 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, 127, 180)` looks like.

```
.text, #text, p{  
    color:rgb(53, 127, 180)  
}
```

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, 127, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 127, 180) }
```

Border

The CSS property to change the border of an element to Android 4281696180 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, 127, 180) }
```

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

```
.border{ border-color:rgb(53, 127, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 127, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 127, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 127, 180);  
box-shadow:4px 4px 4px 4px rgb(53, 127,  
180) }
```

Background

The CSS property to change the background color of an element to Android 4281696180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 127, 180) }
```

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

```
.background{ background-color: rgb(53, 127,  
180) }
```

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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