

Converting Colors

Android(4281161619)

Have a look what the booklet for
Android(4281161619) contains.

| | |
|------------------------------------------------|----|
| Android(4281161619) | 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(4281161619)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2D5793 |
| RGB | 45, 87, 147 |
| RGB Percent | 18%, 34%, 58% |
| CMY | 0.8235, 0.6588, 0.4235 |
| CMYK | 0.69, 0.41, 0.00, 0.42 |
| HSL | 215°, 53%, 38% |
| HSV | 215°, 69%, 58% |
| XYZ | 9.7568, 9.4809, 28.9195 |
| YIQ | 81.2820, -44.2920, 9.7560 |

Conversions

Conversions Part 2

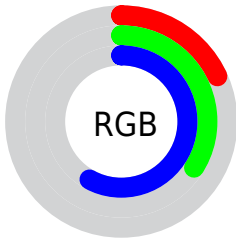
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 45, 75, 147 |
| Decimal | 2971539 |
| CIELab | 36.89, 6.12, -37.36 |
| CIElCh | 37, 37.862, 279.305 |
| Yxy | 9.4809, 0.2026, 0.1969 |
| Android (android.graphics.Color) | 4281161619 (0xFF2D5793) |
| YUV | 81.2820, 32.3990, -31.8193 |
| Hunter-Lab | 30.7910, 2.6776, -34.1326 |




Details

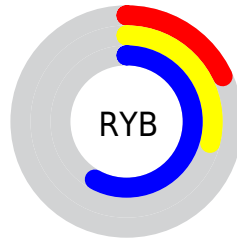
The Android color `4281161619` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287850797`, and the grayscale version is `4283519313`.




A 20% lighter version of the original color is `4284975305`, and `4278200928` is the 20% darker color. If you saturate the color by 10%, you get `4280176275`, and if you desaturate by 10%, it is `4282146963`.

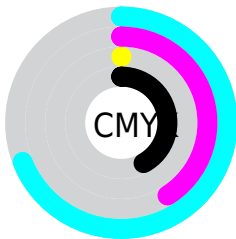
Distribution







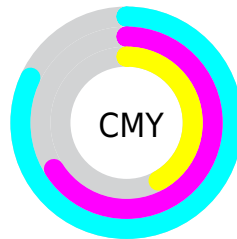
-  Red (18%)
-  Green (34%)
-  Blue (58%)






-  Red (18%)
-  Yellow (29%)
-  Blue (58%)



-  Cyan (69%)
-  Magenta (41%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (82%)
-  Magenta (66%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281161619 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 4281161619 by changing the saturation by 10% instead.



4281161619



4281161619

4294967295



4278272121



4284975305



4278200928



4286751718



4278196040



4288593663



4278191153



4290501119



4278190363



4292409087



4278190080



4294311935



4281161619



4281161619



4280176275



4282146963

■ 4279256723

■ 4283066515

■ 4278271379

■ 4284051859

■ 4278205843

■ 4285037203

■ 4286022291

■ 4286942099

■ 4287927443

■ 4288912531

■ 4289832339

Harmonies

Analogous

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



4278214800



4281161619



4284828550

Triad

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



4281161619



4287250994



4278215744

Complementary

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



4281161619



4287850797

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.



4282212389



4281161619



4286074396

Square

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



4281161619



4287576910



4284373013



4278216288

Rectangle

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



4281161619



4286268022



4284373013



4280181558

Sweetspot

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



4281161619



4288129215



4281176937



4282995553



4292927712



4284572001

Same Dimension

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



4281161619



4280378047



4281740691



4282598986



4278204810



4278191114

Inverse Universe

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



4287835479



4290716002



4287337261



4283056966



4287234105



4278845444

Previews

White Background



This preview shows how the Android color 4281161619 looks on a white background.

Color Contrast Check

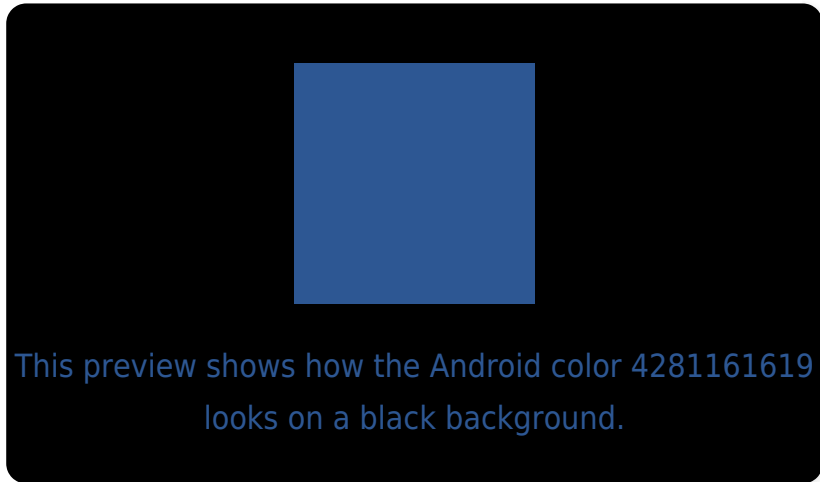
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281161619 Background



This preview shows how black text looks on a background with the Android color 4281161619.



This preview shows how white text looks on a background with the Android color 4281161619.

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

4281161619

Protanopia

4282209681

Deuteranopia

4281030547

Trichromacy



Original Color

4281161619

Protanomaly

4281816722

Deuteranomaly

4281096083

Tritanomaly

4279262584

Monochromacy



Original Color

4281161619

Achromatopsia

4283519313

Achromatomaly

4282667881

CSS Examples

Text

The CSS property to change the color of the text to Android 4281161619 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(45, 87, 147)` looks like.

```
.text, #text, p{  
    color:rgb(45, 87, 147)  
}
```

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(45, 87, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 87, 147) }
```

Border

The CSS property to change the border of an element to Android 4281161619 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(45, 87, 147) }
```

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

```
.border{ border-color:rgb(45, 87, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 87, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 87, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 87, 147);  
box-shadow:4px 4px 4px 4px rgb(45, 87,  
147) }
```

Background

The CSS property to change the background color of an element to Android 4281161619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 87, 147) }
```

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

```
.background{ background-color: rgb(45, 87,  
147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor