

Converting Colors

Android(4282803633)

Have a look what the booklet for
Android(4282803633) contains.

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Color

Android(4282803633)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 4665B1 |
| RGB | 70, 101, 177 |
| RGB Percent | 27%, 40%, 69% |
| CMY | 0.7255, 0.6039, 0.3059 |
| CMYK | 0.60, 0.43, 0.00, 0.31 |
| HSL | 223°, 43%, 48% |
| HSV | 223°, 60%, 69% |
| XYZ | 15.1153, 13.7838, 43.4588 |
| YIQ | 100.3950, -42.8720, 17.0640 |

Conversions

Conversions Part 2

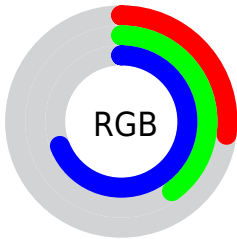
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 70, 94, 177 |
| Decimal | 4613553 |
| CIE _{Lab} | 43.92, 12.61, -43.94 |
| CIE _{LCh} | 44, 45.716, 286.013 |
| Yxy | 13.7838, 0.2089, 0.1905 |
| Android (android.graphics.Color) | 4282803633 (0xFF4665B1) |
| YUV | 100.3950, 37.7663, -26.6564 |
| Hunter-Lab | 37.1265, 7.7011, -43.4140 |

Details

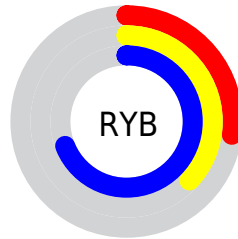
The Android color `4282803633` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4289827398`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4286552297`, and `4278204284` is the 20% darker color. If you saturate the color by 10%, you get `4281620657`, and if you desaturate by 10%, it is `4283986609`.

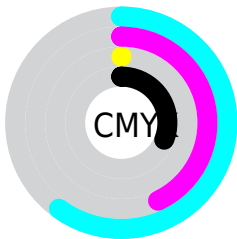
Distribution



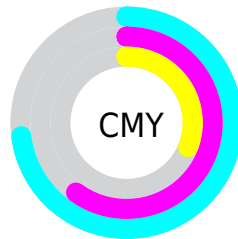
- Red (27%)
- Green (40%)
- Blue (69%)



- Red (27%)
- Yellow (37%)
- Blue (69%)



- Cyan (60%)
- Magenta (43%)
- Yellow (0%)
- Black (31%)



- Cyan (73%)
- Magenta (60%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282803633 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 4282803633 by changing the saturation by 10% instead.

■ 4282803633

■ 4282803633

4294967295

■ 4280700310

■ 4286552297

■ 4278204284

■ 4288393983

■ 4278198882

■ 4290301695

■ 4278193482

■ 4292209407

■ 4278191155

■ 4294115327

■ 4278190621

■ 4278190080

■ 4282803633

■ 4282803633

■ 4281620657

■ 4283986609

■ 4280503473

■ 4285103793

■ 4279320497

■ 4286286769

■ 4278203313

■ 4287469489

■ 4288652465

■ 4289769649

■ 4290952625

■ 4292135601

■ 4293252785

Harmonies

Analogous

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



4278219185



4282803633



4286862749

Triad

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



4282803633



4288892978



4278221140

Complementary

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



4282803633



4289827398

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.



4282152240



4282803633



4287258649

Square

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



4282803633



4289545557



4285033494



4278221436

Rectangle

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



4282803633



4288433031



4285033494



4278220871

Sweetspot

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



4282803633



4290562278



4282823057



4284113267



4294111986



4285756275

Same Dimension

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



4282803633



4282281958



4284171953



4283454297



4278201497



4278191898

Inverse Universe

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



4289807973



4293279343



4288459078



4284043347



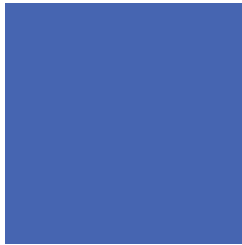
4288217132



4279894023

Previews

White Background



This preview shows how the Android color 4282803633 looks on a white background.

Color Contrast Check

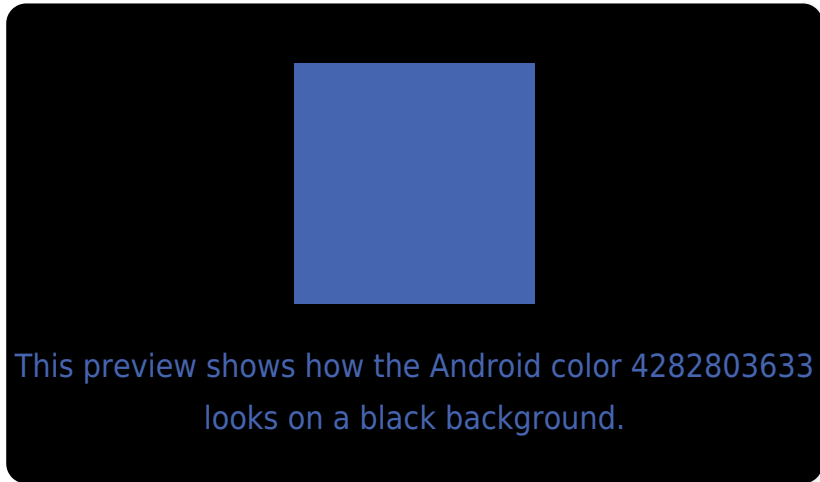
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282803633 Background



This preview shows how black text looks on a background with the Android color 4282803633.



This preview shows how white text looks on a background with the Android color 4282803633.

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

4282803633

Protanopia

4282803633

Deuteranopia

4281493680

Trichromacy



Original Color
4282803633

Protanomaly
4282803633

Deuteranomaly
4281952176

Tritanomaly
4281757070

Monochromacy



Original Color
4282803633

Achromatopsia
4284769380

Achromatomaly
4284048512

CSS Examples

Text

The CSS property to change the color of the text to Android 4282803633 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(70, 101, 177)` looks like.

```
.text, #text, p{  
    color:rgb(70, 101, 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(70, 101, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 101, 177) }
```

Border

The CSS property to change the border of an element to Android 4282803633 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(70, 101, 177) }
```

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

```
.border{ border-color:rgb(70, 101, 177) }
```

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

Here you see how a box with a 4 pixel rgb(70, 101, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 101, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 101, 177);  
box-shadow:4px 4px 4px 4px rgb(70, 101,  
177) }
```

Background

The CSS property to change the background color of an element to Android 4282803633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 101, 177) }
```

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

```
.background{ background-color: rgb(70, 101,  
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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