

Converting Colors

Android(4284447670)

Have a look what the booklet for
Android(4284447670) contains.

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Color

Android(4284447670)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5F7BB6 |
| RGB | 95, 123, 182 |
| RGB Percent | 37%, 48%, 71% |
| CMY | 0.6275, 0.5176, 0.2863 |
| CMYK | 0.48, 0.32, 0.00, 0.29 |
| HSL | 221°, 37%, 54% |
| HSV | 221°, 48%, 71% |
| XYZ | 20.2458, 19.9762, 47.0447 |
| YIQ | 121.3540, -35.6270, 12.4130 |

Conversions

Conversions Part 2

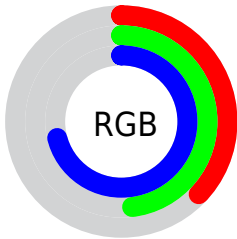
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 95, 116, 182 |
| Decimal | 6257590 |
| CIE _{Lab} | 51.81, 6.32, -34.28 |
| CIE _{LCh} | 52, 34.862, 280.449 |
| Yxy | 19.9762, 0.2320, 0.2289 |
| Android (android.graphics.Color) | 4284447670 (0xFF5F7BB6) |
| YUV | 121.3540, 29.8985, -23.1125 |
| Hunter-Lab | 44.6948, 2.6409, -31.1210 |

Details

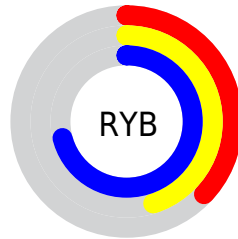
The Android color `4284447670` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4290157151`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4288065518`, and `4280765313` is the 20% darker color. If you saturate the color by 10%, you get `4283264950`, and if you desaturate by 10%, it is `4285630390`.

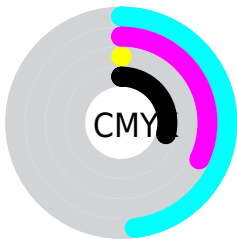
Distribution



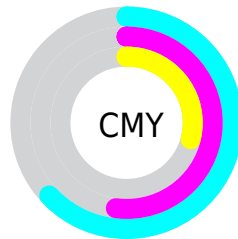
- Red (37%)
- Green (48%)
- Blue (71%)



- Red (37%)
- Yellow (45%)
- Blue (71%)



- Cyan (48%)
- Magenta (32%)
- Yellow (0%)
- Black (29%)



- Cyan (63%)
- Magenta (52%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284447670 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 4284447670 by changing the saturation by 10% instead.

 4284447670

 4284447670

4294967295


 4282671771

 4288065518

 4280765313

 4289842175

 4278203495

 4291749887

 4278198351

 4293656575

 4278191672

 4278190626

 4278190087

 4278190080

 4284447670

 4284447670

■ 4283264950

■ 4285630390

■ 4282081974

■ 4286813366

■ 4280833718

■ 4288061622

■ 4279650998

■ 4289244342

■ 4278468022

■ 4290427318

■ 4278205366

■ 4291610038

■ 4292792758

■ 4294041270

■ 4294961846

Harmonies

Analogous

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



4279862451



4284447670



4287393961

Triad

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



4284447670



4289751382



4282092135

Complementary

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



4284447670



4290157151

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.



4284712269



4284447670



4288639811

Square

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



4284447670



4290077554



4286872895



4278225797

Rectangle

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



4284447670



4288768409



4286872895



4283074653

Sweetspot

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



4284447670



4291614701



4284462745



4284705400



4294440951



4286085240

Same Dimension

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



4284447670



4284912109



4285358006



4283651676



4278203036



4278192412

Inverse Universe

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



4290142075



4293748369



4289246815



4284240726



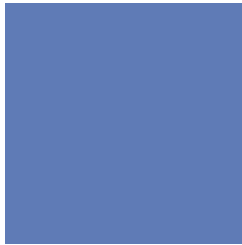
4288413746



4280025097

Previews

White Background



This preview shows how the Android color 4284447670 looks on a white background.

Color Contrast Check

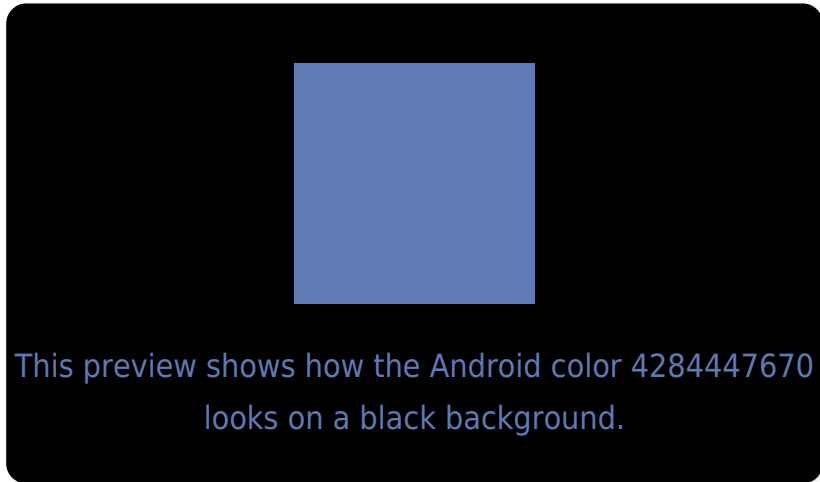
Large Text (above 18pt) WCAG AA ✓ Pass

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

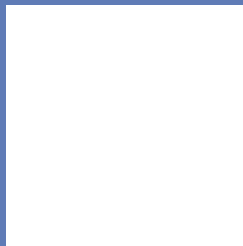
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4284447670 Background



This preview shows how black text looks on a background with the Android color 4284447670.

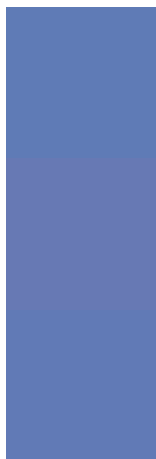


This preview shows how white text looks on a background with the Android color 4284447670.

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

4284447670

Protanopia

4284971444

Deuteranopia

4284578486

Trichromacy



Original Color
4284447670

Protanomaly
4284775093

Deuteranomaly
4284512950

Tritanomaly
4283924637

Monochromacy



Original Color
4284447670

Achromatopsia
4286151033

Achromatomaly
4285561487

CSS Examples

Text

The CSS property to change the color of the text to Android 4284447670 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(95, 123, 182)` looks like.

```
.text, #text, p{  
    color:rgb(95, 123, 182)  
}
```

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(95, 123, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 123, 182) }
```

Border

The CSS property to change the border of an element to Android 4284447670 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(95, 123, 182) }
```

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

```
.border{ border-color:rgb(95, 123, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 123, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 123, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 123, 182);  
box-shadow:4px 4px 4px 4px rgb(95, 123,  
182) }
```

Background

The CSS property to change the background color of an element to Android 4284447670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 123, 182) }
```

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

```
.background{ background-color: rgb(95, 123,  
182) }
```

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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