

Converting Colors

Android(4284775103)

Have a look what the booklet for
Android(4284775103) contains.

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Color

Android(4284775103)

Conversions

Conversions Part 1

Format	Color
Hex	647ABF
RGB	100, 122, 191
RGB Percent	39%, 48%, 75%
CMY	0.6078, 0.5216, 0.2510
CMYK	0.48, 0.36, 0.00, 0.25
HSL	225°, 42%, 57%
HSV	225°, 48%, 75%
XYZ	21.6190, 20.3900, 52.0864
YIQ	123.2880, -35.2610, 16.7950

Conversions

Conversions Part 2

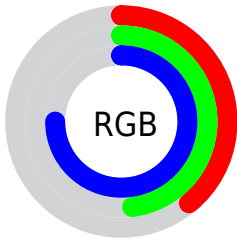
Format	Color
R_{YB}	100, 118, 191
Decimal	6585023
CIE _{Lab}	52.28, 10.92, -38.70
CIE _{LCh}	52, 40.213, 285.761
Yxy	20.3900, 0.2298, 0.2167
Android (android.graphics.Color)	4284775103 (0xFF647ABF)
YUV	123.2880, 33.3820, -20.4236
Hunter-Lab	45.1553, 6.4389, -36.7821

Details

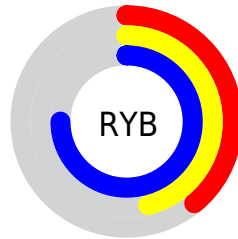
The Android color `4284775103` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4290750820`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4288392952`, and `4281092745` is the 20% darker color. If you saturate the color by 10%, you get `4283526335`, and if you desaturate by 10%, it is `4286023871`.

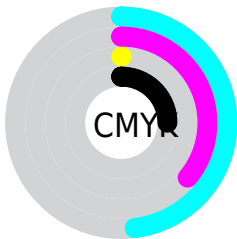
Distribution



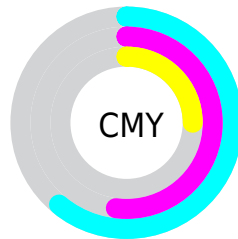
- Red (39%)
- Green (48%)
- Blue (75%)



- Red (39%)
- Yellow (46%)
- Blue (75%)



- Cyan (48%)
- Magenta (36%)
- Yellow (0%)
- Black (25%)



- Cyan (61%)
- Magenta (52%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284775103 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 4284775103 by changing the saturation by 10% instead.

■ 4284775103

■ 4284775103

4294967295

■ 4282999204

■ 4288392952

■ 4281092745

■ 4290234879

■ 4278400111

■ 4292142591

■ 4278198103

■ 4294049791

■ 4278191679

■ 4278190888

■ 4278190354

■ 4278190080

■ 4284775103

■ 4284775103

■ 4283526335

■ 4286023871

■ 4282277311

■ 4287272895

■ 4281028543

■ 4288521663

■ 4279779519

■ 4289770687

■ 4278465215

■ 4291084991

■ 4278202047

■ 4292334015

■ 4293582783

■ 4294831807

■ 4294966463

Harmonies

Analogous

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



4278224319



4284775103



4288114093

Triad

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



4284775103



4290078797



4280061291

Complementary

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



4284775103



4290750820

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.



4283992395



4284775103



4288640313

Square

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



4284775103



4290666604



4286545976



4278226574

Rectangle

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



4284775103



4289553818



4286545976



4281764959

Sweetspot

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



4284775103



4292206071



4284792744



4285033853



4294769916



4286414205

Same Dimension

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



4284775103



4285172983



4286276799



4283783006



4278199966



4278191903

Inverse Universe

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



4290733178



4294404748



4289249124



4284372311



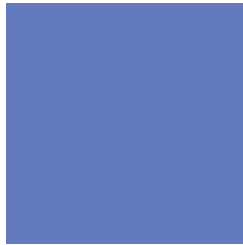
4288544806



4280221703

Previews

White Background



This preview shows how the Android color 4284775103 looks on a white background.

Color Contrast Check

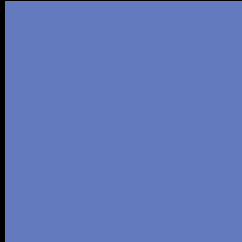
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4284775103 looks on a 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 4284775103 Background



This preview shows how black text looks on a background with the Android color 4284775103.

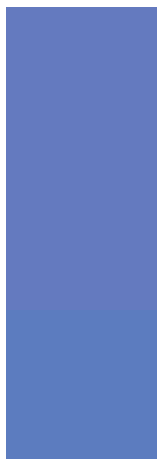


This preview shows how white text looks on a background with the Android color 4284775103.

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


4284775103

Protanopia

4284775103

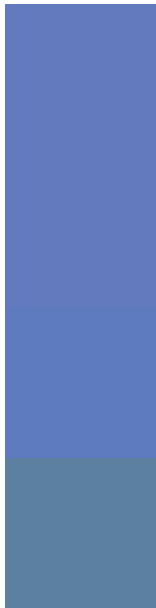
Deuteranopia

4284251327



Tritanopia
4283860111

Trichromacy



Original Color
4284775103

Protanomaly
4284775103

Deuteranomaly
4284447679

Tritanomaly
4284186784

Monochromacy



Original Color
4284775103

Achromatopsia
4286282619

Achromatomaly
4285758356

CSS Examples

Text

The CSS property to change the color of the text to Android 4284775103 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(100, 122, 191)` looks like.

```
.text, #text, p{  
    color:rgb(100, 122, 191)  
}
```

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(100, 122, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 122, 191) }
```

Border

The CSS property to change the border of an element to Android 4284775103 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(100, 122, 191) }
```

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

```
.border{ border-color:rgb(100, 122, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 122, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 122, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 122, 191);  
box-shadow:4px 4px 4px 4px rgb(100, 122,  
191) }
```

Background

The CSS property to change the background color of an element to Android 4284775103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 122, 191) }
```

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

```
.background{ background-color: rgb(100,  
122, 191) }
```

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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