

Converting Colors

Android(4284575170)

Have a look what the booklet for
Android(4284575170) contains.

Android(4284575170)	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(4284575170)

Conversions

Conversions Part 1

Format	Color
Hex	616DC2
RGB	97, 109, 194
RGB Percent	38%, 43%, 76%
CMY	0.6196, 0.5725, 0.2392
CMYK	0.50, 0.44, 0.00, 0.24
HSL	233°, 44%, 57%
HSV	233°, 50%, 76%
XYZ	20.1360, 17.3737, 53.3311
YIQ	115.1020, -34.4370, 23.8910

Conversions

Conversions Part 2

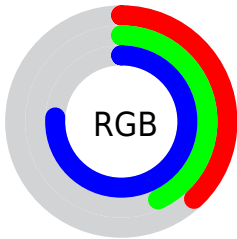
Format	Color
R_{YB}	97, 108, 194
Decimal	6385090
CIE _{Lab}	48.73, 19.07, -46.05
CIE _{LCh}	49, 49.846, 292.493
Yxy	17.3737, 0.2217, 0.1913
Android (android.graphics.Color)	4284575170 (0xFF616DC2)
YUV	115.1020, 38.8967, -15.8755
Hunter-Lab	41.6818, 13.2883, -46.6833

Details

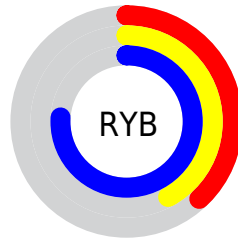
The Android color `4284575170` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4290950753`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4288258299`, and `4280696460` is the 20% darker color. If you saturate the color by 10%, you get `4283325634`, and if you desaturate by 10%, it is `4285824706`.

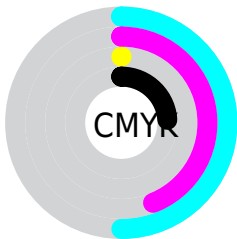
Distribution



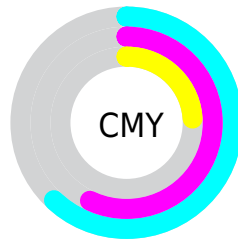
- Red (38%)
- Green (43%)
- Blue (76%)



- Red (38%)
- Yellow (42%)
- Blue (76%)



- Cyan (50%)
- Magenta (44%)
- Yellow (0%)
- Black (24%)



- Cyan (62%)
- Magenta (57%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284575170 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 4284575170 by changing the saturation by 10% instead.

■ 4284575170

■ 4284575170

4294967295

■ 4282733990

■ 4288258299

■ 4280696460

■ 4290100223

■ 4278200434

■ 4292007935

■ 4278195545

■ 4293915647

■ 4278190145

■ 4278190890

■ 4278190356

■ 4278190080

■ 4284575170

■ 4284575170

■ 4283325634

■ 4285824706

■ 4282010562

■ 4287139778

■ 4280761026

■ 4288389314

■ 4279445954

■ 4289704386

■ 4278196418

■ 4290953922

■ 4292203458

■ 4293518530

■ 4294768066

■ 4294967234

Harmonies

Analogous

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



4278222023



4284575170



4288502696

Triad

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



4284575170



4289813809



4278224743

Complementary

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



4284575170



4290950753

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.



4281631550



4284575170



4287852056

Square

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



4284575170



4290793302



4285233949



4278225043

Rectangle

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



4284575170



4289941646



4285233949



4278224473

Sweetspot

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



4284575170



4292336636



4284596917



4285098880



4278190080



4286611584

Same Dimension

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



4284575170



4284840188



4286931394



4283914337



4278195361



4278191137

Inverse Universe

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



4290929005



4294731128



4288594529



4284569432



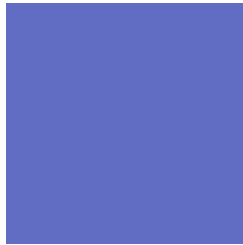
4288741396



4280352772

Previews

White Background



This preview shows how the Android color 4284575170 looks on a white background.

Color Contrast Check

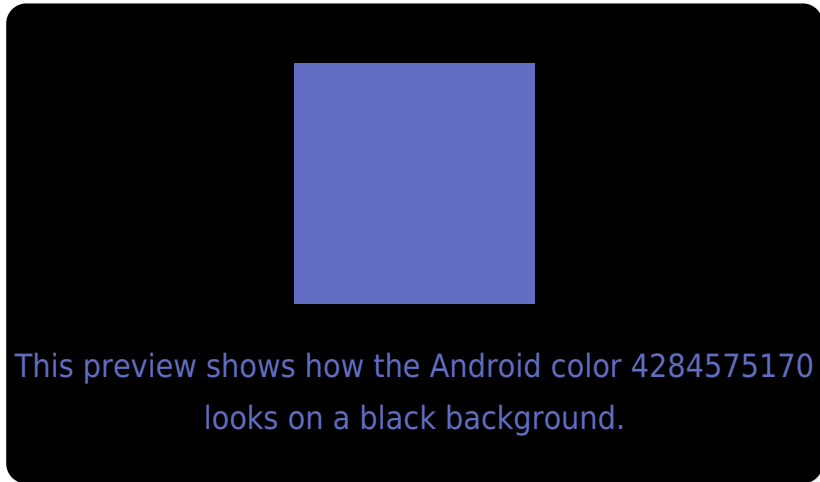
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284575170 Background



This preview shows how black text looks on a background with the Android color 4284575170.

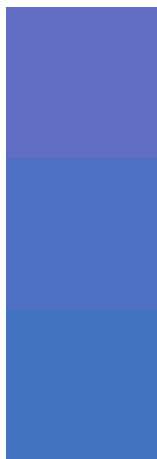


This preview shows how white text looks on a background with the Android color 4284575170.

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

4284575170

Protanopia

4283396549

Deuteranopia

4282414272

Trichromacy



Original Color
4284575170

Protanomaly
4283855044

Deuteranomaly
4283199937

Tritanomaly
4283791003

Monochromacy



Original Color
4284575170

Achromatopsia
4285756275

Achromatomaly
4285297040

CSS Examples

Text

The CSS property to change the color of the text to Android 4284575170 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(97, 109, 194)` looks like.

```
.text, #text, p{  
    color:rgb(97, 109, 194)  
}
```

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(97, 109, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 109, 194) }
```

Border

The CSS property to change the border of an element to Android 4284575170 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(97, 109, 194) }
```

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

```
.border{ border-color:rgb(97, 109, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 109, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 109, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 109, 194);  
box-shadow:4px 4px 4px 4px rgb(97, 109,  
194) }
```

Background

The CSS property to change the background color of an element to Android 4284575170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 109, 194) }
```

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

```
.background{ background-color: rgb(97, 109,  
194) }
```

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