

Converting Colors

Android(4284313027)

Have a look what the booklet for
Android(4284313027) contains.

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Color

Android(4284313027)

Conversions

Conversions Part 1

Format	Color
Hex	5D6DC3
RGB	93, 109, 195
RGB Percent	36%, 43%, 76%
CMY	0.6353, 0.5725, 0.2353
CMYK	0.52, 0.44, 0.00, 0.24
HSL	231°, 46%, 56%
HSV	231°, 52%, 76%
XYZ	19.8332, 17.2046, 53.9053
YIQ	114.0200, -37.1420, 23.3540

Conversions

Conversions Part 2

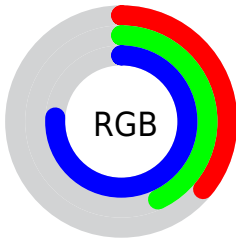
Format	Color
R_{YB}	93, 107, 195
Decimal	6122947
CIE _{Lab}	48.52, 18.48, -46.98
CIE _{LCh}	49, 50.484, 291.468
Yxy	17.2046, 0.2181, 0.1892
Android (android.graphics.Color)	4284313027 (0xFF5D6DC3)
YUV	114.0200, 39.9231, -18.4345
Hunter-Lab	41.4784, 12.7638, -48.0183

Details

The Android color `4284313027` is a dark color, and the websafe version is hex `6666CC`. The color can be described as dark muted azure. A complement of this color would be `4291015517`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4287996156`, and `4280237709` is the 20% darker color. If you saturate the color by 10%, you get `4283063747`, and if you desaturate by 10%, it is `4285562307`.

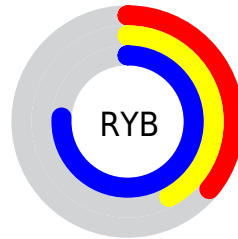
Distribution



Red (36%)

Green (43%)

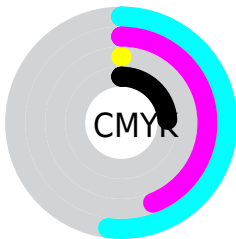
Blue (76%)



Red (36%)

Yellow (42%)

Blue (76%)

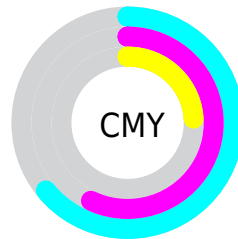


Cyan (52%)

Magenta (44%)

Yellow (0%)

Black (24%)



Cyan (64%)

Magenta (57%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284313027 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 4284313027 by changing the saturation by 10% instead.

■ 4284313027

■ 4284313027

4294967295

■ 4282406311

■ 4287996156

■ 4280237709

■ 4289903615

■ 4278200691

■ 4291811327

■ 4278195546

■ 4293719039

■ 4278190146

■ 4278190890

■ 4278190357

■ 4278190080

■ 4284313027

■ 4284313027

■ 4283063747

■ 4285562307

■ 4281748675

■ 4286877379

■ 4280433859

■ 4288126659

■ 4279184323

■ 4289441731

■ 4278198211

■ 4290691011

■ 4292006083

■ 4293255363

■ 4294570435

■ 4294967235

Harmonies

Analogous

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



4278222024



4284313027



4288371369

Triad

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



4284313027



4289813553



4278224741

Complementary

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



4284313027



4291015517

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.



4281697083



4284313027



4287851798

Square

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



4284313027



4290792791



4285299226



4278224785

Rectangle

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



4284313027



4289941647



4285299226



4278224470

Sweetspot

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



4284313027



4292139772



4284335026



4284967808



4278190080



4286611584

Same Dimension

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



4284313027



4284315388



4286537155



4283914593



4278196641



4278191393

Inverse Universe

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



4290993517



4294729078



4288791389



4284569433



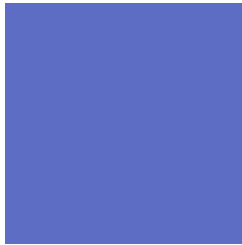
4288741401



4280352773

Previews

White Background



This preview shows how the Android color 4284313027 looks on a white background.

Color Contrast Check

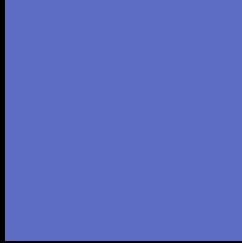
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4284313027 looks on a 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 4284313027 Background



This preview shows how black text looks on a background with the Android color 4284313027.



This preview shows how white text looks on a background with the Android color 4284313027.

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
4284313027

Protanopia
4283265222

Deuteranopia
4282152129

Trichromacy



Original Color
4284313027

Protanomaly
4283658181

Deuteranomaly
4282937794

Tritanomaly
4283463324

Monochromacy



Original Color
4284313027

Achromatopsia
4285690482

Achromatomaly
4285165711

CSS Examples

Text

The CSS property to change the color of the text to Android 4284313027 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(93, 109, 195)` looks like.

```
.text, #text, p{  
    color:rgb(93, 109, 195)  
}
```

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(93, 109, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 109, 195) }
```

Border

The CSS property to change the border of an element to Android 4284313027 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(93, 109, 195) }
```

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

```
.border{ border-color:rgb(93, 109, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 109, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 109, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 109, 195);  
box-shadow:4px 4px 4px 4px rgb(93, 109,  
195) }
```

Background

The CSS property to change the background color of an element to Android 4284313027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 109, 195) }
```

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

```
.background{ background-color: rgb(93, 109,  
195) }
```

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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