

Converting Colors

Android(4284049074)

Have a look what the booklet for
Android(4284049074) contains.

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Color

Android(4284049074)

Conversions

Conversions Part 1

Format	Color
Hex	5966B2
RGB	89, 102, 178
RGB Percent	35%, 40%, 70%
CMY	0.6510, 0.6000, 0.3020
CMYK	0.50, 0.43, 0.00, 0.30
HSL	231°, 37%, 52%
HSV	231°, 50%, 70%
XYZ	16.9071, 14.8409, 44.0930
YIQ	106.7770, -32.1440, 20.8800

Conversions

Conversions Part 2

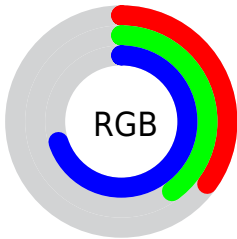
Format	Color
R _Y B	89, 100, 178
Decimal	5858994
CIE Lab	45.42, 16.48, -42.08
CIE LCh	45, 45.189, 291.384
Yxy	14.8409, 0.2229, 0.1957
Android (android.graphics.Color)	4284049074 (0xFF5966B2)
YUV	106.7770, 35.1129, -15.5904
Hunter-Lab	38.5239, 10.9217, -40.8942

Details

The Android color `4284049074` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289897817`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4287666666`, and `4280236157` is the 20% darker color. If you saturate the color by 10%, you get `4282865586`, and if you desaturate by 10%, it is `4285232562`.

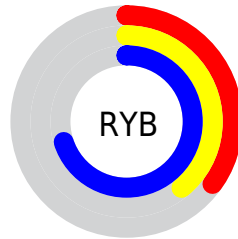
Distribution



Red (35%)

Green (40%)

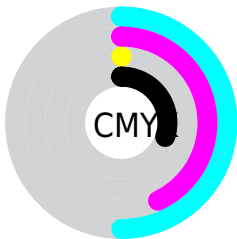
Blue (70%)



Red (35%)

Yellow (39%)

Blue (70%)

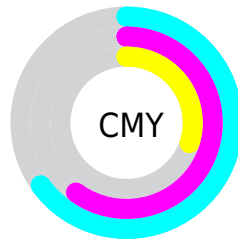


Cyan (50%)

Magenta (43%)

Yellow (0%)

Black (30%)



Cyan (65%)

Magenta (60%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284049074 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 4284049074 by changing the saturation by 10% instead.

 4284049074

 4284049074

4294967295

 4282207895

 4287666666

 4280236157

 4289508351

 4278199139

 4291350527

 4278193739

 4293258239

 4278191156

 4278190622

 4278190080

 4284049074

 4284049074

 4282865586

 4285232562

■ 4281682098

■ 4286416050

■ 4280563890

■ 4287534258

■ 4279380402

■ 4288717746

■ 4278196914

■ 4289901234

■ 4291084722

■ 4292268210

■ 4293386418

■ 4294569906

Harmonies

Analogous

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



4278219702



4284049074



4287583899

Triad

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



4284049074



4288894769



4278222175

Complementary

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



4284049074



4289897817

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.



4281825594



4284049074



4287194651

Square

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



4284049074



4289743698



4284838431



4278222470

Rectangle

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



4284049074



4288957828



4284838431



4278221906

Sweetspot

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



4284049074



4291152616



4284068517



4284506997



4294309365



4285887861

Same Dimension

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



4284049074



4284314088



4286077362



4283454041



4278195865



4278191130

Inverse Universe

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



4289878374



4293418353



4287869529



4284043346



4288217110



4279894020

Previews

White Background



This preview shows how the Android color 4284049074 looks on a white background.

Color Contrast Check

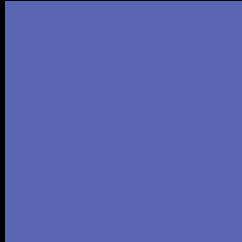
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284049074 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 4284049074 Background



This preview shows how black text looks on a background with the Android color 4284049074.

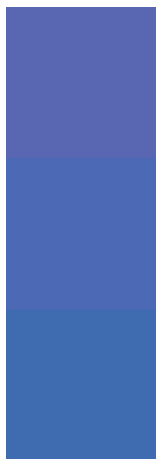


This preview shows how white text looks on a background with the Android color 4284049074.

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

4284049074

Protanopia

4283132341

Deuteranopia

4282346673

Trichromacy



Original Color
4284049074

Protanomaly
4283459764

Deuteranomaly
4282935985

Tritanomaly
4283330191

Monochromacy



Original Color
4284049074

Achromatopsia
4285229931

Achromatomaly
4284770693

CSS Examples

Text

The CSS property to change the color of the text to Android 4284049074 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(89, 102, 178)` looks like.

```
.text, #text, p{  
    color:rgb(89, 102, 178)  
}
```

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(89, 102, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 102, 178) }
```

Border

The CSS property to change the border of an element to Android 4284049074 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(89, 102, 178) }
```

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

```
.border{ border-color:rgb(89, 102, 178) }
```

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

Here you see how a box with a 4 pixel rgb(89, 102, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 102, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 102, 178);  
box-shadow:4px 4px 4px 4px rgb(89, 102,  
178) }
```

Background

The CSS property to change the background color of an element to Android 4284049074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 102, 178) }
```

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

```
.background{ background-color: rgb(89, 102,  
178) }
```

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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