

Converting Colors

Android(4284049836)

Have a look what the booklet for
Android(4284049836) contains.

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Color

Android(4284049836)

Conversions

Conversions Part 1

Format	Color
Hex	5969AC
RGB	89, 105, 172
RGB Percent	35%, 41%, 67%
CMY	0.6510, 0.5882, 0.3255
CMYK	0.48, 0.39, 0.00, 0.33
HSL	228°, 33%, 51%
HSV	228°, 48%, 67%
XYZ	16.6178, 15.2056, 41.0888
YIQ	107.8540, -31.0430, 17.4450

Conversions

Conversions Part 2

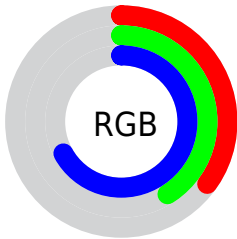
Format	Color
R_{YB}	89, 102, 172
Decimal	5859756
CIE _{Lab}	45.91, 12.71, -37.78
CIE _{LCh}	46, 39.860, 288.599
Yxy	15.2056, 0.2279, 0.2085
Android (android.graphics.Color)	4284049836 (0xFF5969AC)
YUV	107.8540, 31.6240, -16.5350
Hunter-Lab	38.9943, 7.8294, -35.1787

Details

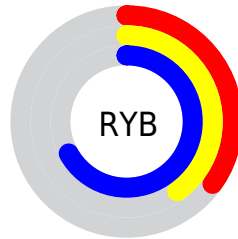
The Android color `4284049836` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289502297`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4287601892`, and `4280367735` is the 20% darker color. If you saturate the color by 10%, you get `4282932140`, and if you desaturate by 10%, it is `4285167532`.

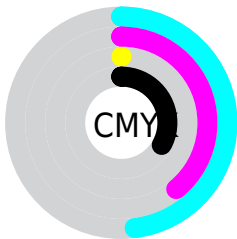
Distribution



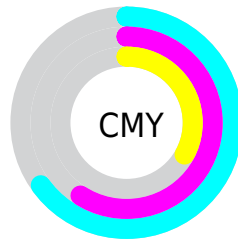
- Red (35%)
- Green (41%)
- Blue (67%)



- Red (35%)
- Yellow (40%)
- Blue (67%)



- Cyan (48%)
- Magenta (39%)
- Yellow (0%)
- Black (33%)



- Cyan (65%)
- Magenta (59%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284049836 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 4284049836 by changing the saturation by 10% instead.

■ 4284049836

■ 4284049836

4294967295

■ 4282274193

■ 4287601892

■ 4280367735

■ 4289443839

■ 4278199646

■ 4291285759

■ 4278194502

■ 4293193727

■ 4278191151

■ 4278190361

■ 4278190080

■ 4284049836

■ 4284049836

■ 4282932140

■ 4285167532

■ 4281814444

■ 4286285228

■ 4280631212

■ 4287468460

■ 4279513516

■ 4288586156

■ 4278396076

■ 4289703596

■ 4278198700

■ 4290821292

■ 4291938988

■ 4293122220

■ 4294239916

Harmonies

Analogous

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



4278219950



4284049836



4287192217

Triad

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



4284049836



4288764476



4278222174

Complementary

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



4284049836



4289502297

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.



4282743103



4284049836



4287325737

Square

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



4284049836



4289417561



4285296938



4278222209

Rectangle

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



4284049836



4288500870



4285296938



4280056915

Sweetspot

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



4284049836



4290889696



4284066971



4284309872



4293980400



4285558896

Same Dimension

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



4284049836



4284381152



4285684140



4283322455



4278197654



4278191127

Inverse Universe

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



4289485161



4292894327



4287867993



4283911760



4288020509



4279697412

Previews

White Background



This preview shows how the Android color 4284049836 looks on a white background.

Color Contrast Check

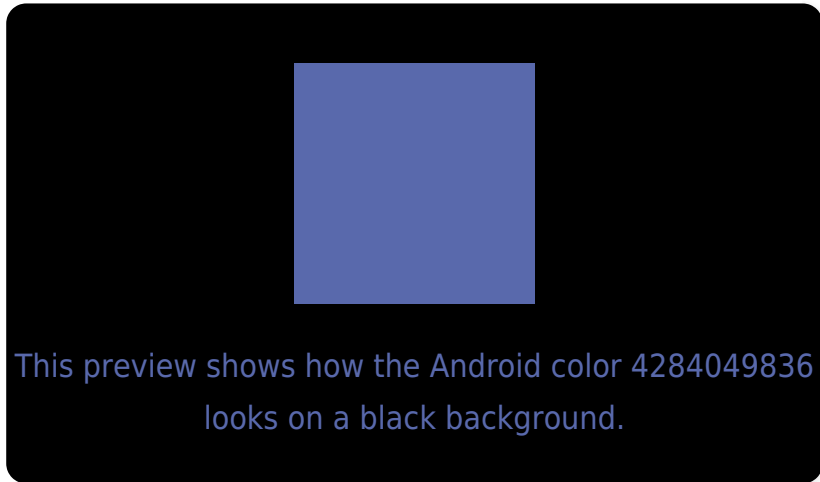
Large Text (above 18pt) WCAG AA ✓ Pass

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

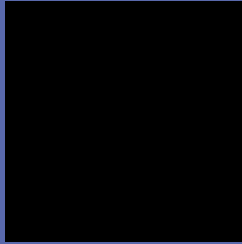
Any Text WCAG AA × Fail

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 4284049836 Background



This preview shows how black text looks on a background with the Android color 4284049836.

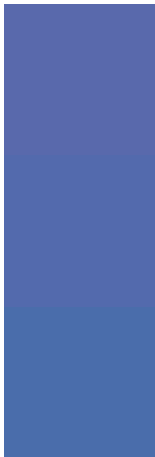


This preview shows how white text looks on a background with the Android color 4284049836.

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
4284049836

Protanopia
4283656877

Deuteranopia
4283067819

Trichromacy



Original Color
4284049836

Protanomaly
4283787949

Deuteranomaly
4283395243

Tritanomaly
4283461517

Monochromacy



Original Color
4284049836

Achromatopsia
4285295724

Achromatomaly
4284836739

CSS Examples

Text

The CSS property to change the color of the text to Android 4284049836 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, 105, 172)` looks like.

```
.text, #text, p{  
    color:rgb(89, 105, 172)  
}
```

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, 105, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 105, 172) }
```

Border

The CSS property to change the border of an element to Android 4284049836 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, 105, 172) }
```

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

```
.border{ border-color:rgb(89, 105, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 105, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 105, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 105, 172);  
box-shadow:4px 4px 4px 4px rgb(89, 105,  
172) }
```

Background

The CSS property to change the background color of an element to Android 4284049836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 105, 172) }
```

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

```
.background{ background-color: rgb(89, 105,  
172) }
```

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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