

Converting Colors

Android(4283912666)

Have a look what the booklet for
Android(4283912666) contains.

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Color

Android(4283912666)

Conversions

Conversions Part 1

Format	Color
Hex	5751DA
RGB	87, 81, 218
RGB Percent	34%, 32%, 85%
CMY	0.6588, 0.6824, 0.1451
CMYK	0.60, 0.63, 0.00, 0.15
HSL	243°, 65%, 59%
HSV	243°, 63%, 85%
XYZ	19.5278, 12.9731, 67.8045
YIQ	98.4120, -40.4010, 43.8790

Conversions

Conversions Part 2

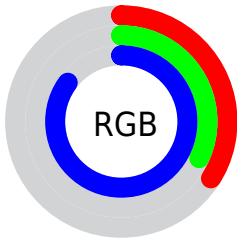
Format	Color
R_{YB}	87, 81, 218
Decimal	5722586
CIE _{Lab}	42.72, 41.92, -69.54
CIE _{LCh}	43, 81.202, 301.082
Yxy	12.9731, 0.1947, 0.1293
Android (android.graphics.Color)	4283912666 (0xFF5751DA)
YUV	98.4120, 58.9569, -10.0083
Hunter-Lab	36.0181, 33.7449, -86.4014

Details

The Android color `4283912666` is a dark color, and the websafe version is hex `6666FF`. The color can be described as dark muted blue. A complement of this color would be `4292139601`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4287923199`, and `4278199202` is the 20% darker color. If you saturate the color by 10%, you get `4282530778`, and if you desaturate by 10%, it is `4285294554`.

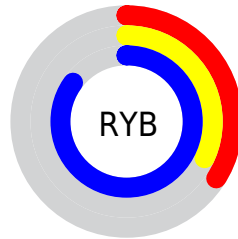
Distribution



Red (34%)

Green (32%)

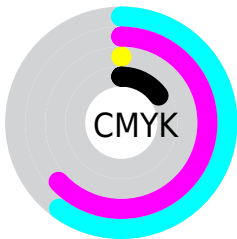
Blue (85%)



Red (34%)

Yellow (32%)

Blue (85%)

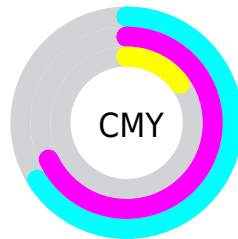


Cyan (60%)

Magenta (63%)

Yellow (0%)

Black (15%)



Cyan (66%)

Magenta (68%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283912666 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 4283912666 by changing the saturation by 10% instead.

 4283912666

 4283912666

4294967295

 4281612990

 4287923199

 4278199202

 4289895935

 4278193799

 4291868927

 4278190189

 4293907711

 4278190931

 4294963711

 4278191675

 4278190629

 4278190349

 4278190080

■ 4283912666

■ 4283912666

■ 4282530778

■ 4285294554

■ 4281148890

■ 4286676442

■ 4279767258

■ 4288058074

■ 4278845658

■ 4289374426

■ 4290756314

■ 4292138202

■ 4293520090

■ 4294901722

■ 4294967258

Harmonies

Analogous

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



4278218478



4283912666



4289926823

Triad

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



4283912666



4289545472



4278222694

Complementary

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



4283912666



4292139601

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.



4278221850



4283912666



4286210816

Square

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



4283912666



4291690532



4281431040



4278223017

Rectangle

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



4283912666



4291625084



4281431040



4278222414

Sweetspot

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



4283912666



4291940351



4283553242



4284703360



4278190080



4286611584

Same Dimension

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



4283912666



4282925311



4288303578



4284703598



4278714541



4278321198

Inverse Universe

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



4292497876



4294918391



4287748689



4285424493



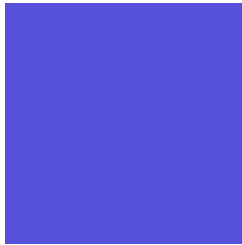
4289527974



4281204780

Previews

White Background



This preview shows how the Android color 4283912666 looks on a white background.

Color Contrast Check

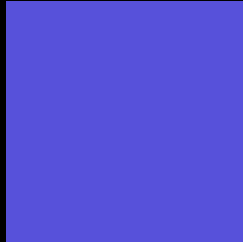
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283912666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

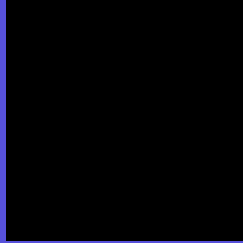
Any Text WCAG AA × Fail

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 4283912666 Background



This preview shows how black text looks on a background with the Android color 4283912666.

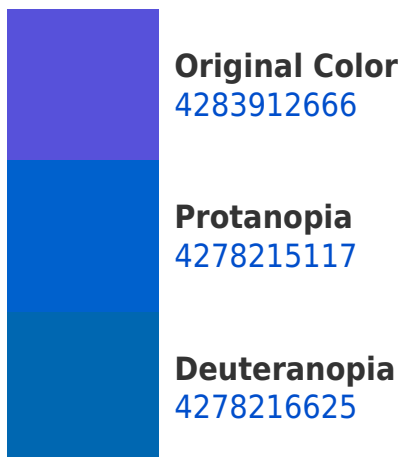


This preview shows how white text looks on a background with the Android color 4283912666.

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



Trichromacy



Original Color

4283912666



Protanomaly

4280310738



Deuteranomaly

4280311744



Tritanomaly

4282016667

Monochromacy



Original Color

4283912666



Achromatopsia

4284637794



Achromatomaly

4284374158

CSS Examples

Text

The CSS property to change the color of the text to Android 4283912666 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(87, 81, 218)` looks like.

```
.text, #text, p{  
    color:rgb(87, 81, 218)  
}
```

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(87, 81, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 81, 218) }
```

Border

The CSS property to change the border of an element to Android 4283912666 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(87, 81, 218) }
```

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

```
.border{ border-color:rgb(87, 81, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 81, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 81, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 81, 218);  
box-shadow:4px 4px 4px 4px rgb(87, 81,  
218) }
```

Background

The CSS property to change the background color of an element to Android 4283912666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 81, 218) }
```

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

```
.background{ background-color: rgb(87, 81,  
218) }
```

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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