

Converting Colors

Android(4283918796)

Have a look what the booklet for
Android(4283918796) contains.

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Color

Android(4283918796)

Conversions

Conversions Part 1

Format	Color
Hex	5769CC
RGB	87, 105, 204
RGB Percent	34%, 41%, 80%
CMY	0.6588, 0.5882, 0.2000
CMYK	0.57, 0.49, 0.00, 0.20
HSL	231°, 53%, 57%
HSV	231°, 57%, 80%
XYZ	19.8811, 16.4890, 59.2616
YIQ	110.9040, -42.5070, 26.9730

Conversions

Conversions Part 2

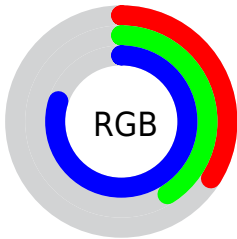
Format	Color
RYB	87, 103, 204
Decimal	5728716
CIELab	47.61, 22.63, -53.62
CIELCh	48, 58.199, 292.877
Yxy	16.4890, 0.2079, 0.1724
Android (android.graphics.Color)	4283918796 (0xFF5769CC)
YUV	110.9040, 45.8963, -20.9638
Hunter-Lab	40.6067, 16.3324, -58.1035

Details

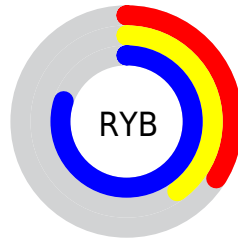
The Android color `4283918796` is a dark color, and the websafe version is hex `6666CC`. The color can be described as dark muted azure. A complement of this color would be `4291607127`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4287732991`, and `4278925973` is the 20% darker color. If you saturate the color by 10%, you get `4282603724`, and if you desaturate by 10%, it is `4285233868`.

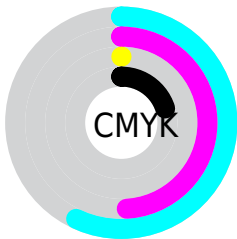
Distribution



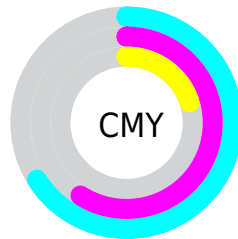
- Red (34%)
- Green (41%)
- Blue (80%)



- Red (34%)
- Yellow (40%)
- Blue (80%)



- Cyan (57%)
- Magenta (49%)
- Yellow (0%)
- Black (20%)



- Cyan (66%)
- Magenta (59%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283918796 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 4283918796 by changing the saturation by 10% instead.

■ 4283918796

■ 4283918796

4294967295

■ 4281881008

■ 4287732991

■ 4278925973

■ 4289640447

■ 4278199675

■ 4291547903

■ 4278195041

■ 4293521407

■ 4278190153

■ 4278191153

■ 4278190363

■ 4278190080

■ 4283918796

■ 4283918796

■ 4282603724

■ 4285233868

■ 4281222860

■ 4286614732

■ 4279907788

■ 4287929804

■ 4278527180

■ 4289310412

■ 4278198220

■ 4290625484

■ 4291940812

■ 4293321420

■ 4294636492

■ 4294967244

Harmonies

Analogous

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



4278221523



4283918796



4288697005

Triad

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



4283918796



4290008609



4278224739

Complementary

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



4283918796



4291607127

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.



4279861809



4283918796



4287785728

Square

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



4283918796



4291248462



4284774912



4278224790

Rectangle

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



4283918796



4290397071



4284774912



4278224466

Sweetspot

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



4283918796



4292139775



4283944121



4284902016



4278190080



4286611584

Same Dimension

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



4283918796



4283394815



4286470092



4284243302



4278196646



4278191654

Inverse Universe

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



4291581801



4294922090



4289055831



4284898397



4289069082



4280680454

Previews

White Background



This preview shows how the Android color 4283918796 looks on a white background.

Color Contrast Check

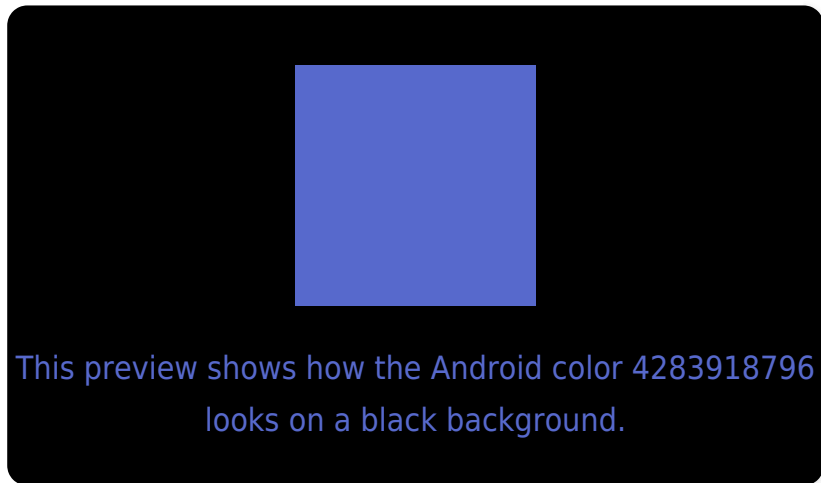
Large Text (above 18pt) WCAG AA ✓ Pass

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

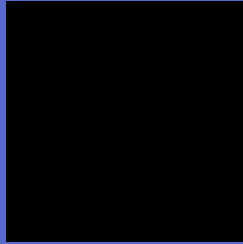
Any Text WCAG AA × Fail

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 4283918796 Background



This preview shows how black text looks on a background with the Android color 4283918796.

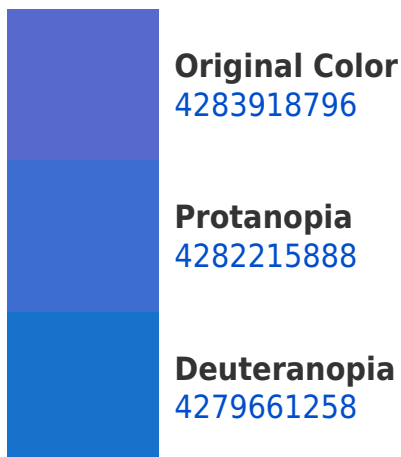


This preview shows how white text looks on a background with the Android color 4283918796.

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
4283918796

Protanomaly
4282805455

Deuteranomaly
4281233355

Tritanomaly
4282741918

Monochromacy



Original Color
4283918796

Achromatopsia
4285493103

Achromatomaly
4284902801

CSS Examples

Text

The CSS property to change the color of the text to Android 4283918796 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, 105, 204)` looks like.

```
.text, #text, p{  
    color:rgb(87, 105, 204)  
}
```

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, 105, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 105, 204) }
```

Border

The CSS property to change the border of an element to Android 4283918796 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, 105, 204) }
```

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

```
.border{ border-color:rgb(87, 105, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 105, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 105, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 105, 204);  
box-shadow:4px 4px 4px 4px rgb(87, 105,  
204) }
```

Background

The CSS property to change the background color of an element to Android 4283918796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 105, 204) }
```

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

```
.background{ background-color: rgb(87, 105,  
204) }
```

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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