

Converting Colors

Android(4283459242)

Have a look what the booklet for
Android(4283459242) contains.

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Color

Android(4283459242)

Conversions

Conversions Part 1

Format	Color
Hex	5066AA
RGB	80, 102, 170
RGB Percent	31%, 40%, 67%
CMY	0.6863, 0.6000, 0.3333
CMYK	0.53, 0.40, 0.00, 0.33
HSL	225°, 36%, 49%
HSV	225°, 53%, 67%
XYZ	15.3153, 14.1105, 39.9466
YIQ	103.1740, -34.9400, 16.4840

Conversions

Conversions Part 2

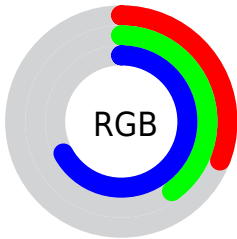
Format	Color
R_{YB}	80, 98, 170
Decimal	5269162
CIE _{Lab}	44.39, 11.78, -39.05
CIE _{LCh}	44, 40.790, 286.780
Yxy	14.1105, 0.2208, 0.2034
Android (android.graphics.Color)	4283459242 (0xFF5066AA)
YUV	103.1740, 32.9452, -20.3236
Hunter-Lab	37.5639, 7.0400, -36.7560

Details

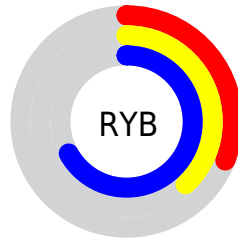
The Android color `4283459242` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289369168`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4287076834`, and `4279384181` is the 20% darker color. If you saturate the color by 10%, you get `4282341802`, and if you desaturate by 10%, it is `4284576682`.

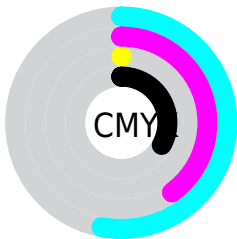
Distribution



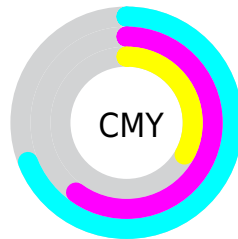
- Red (31%)
- Green (40%)
- Blue (67%)



- Red (31%)
- Yellow (38%)
- Blue (67%)



- Cyan (53%)
- Magenta (40%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283459242 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 4283459242 by changing the saturation by 10% instead.

■ 4283459242

■ 4283459242

4294967295

■ 4281618063

■ 4287076834

■ 4279384181

■ 4288918527

■ 4278199132

■ 4290760703

■ 4278193476

■ 4292668415

■ 4278190893

■ 4294574079

■ 4278190360

■ 4278190080

■ 4283459242

■ 4283459242

■ 4282341802

■ 4284576682

■ 4281224362

■ 4285694122

■ 4280106922

■ 4286811562

■ 4278989738

■ 4287928746

■ 4278201002

■ 4289046186

■ 4290163626

■ 4291281066

■ 4292398506

■ 4293515946

Harmonies

Analogous

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



4278219179



4283459242



4286797976

Triad

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



4283459242



4288632121



4278221144

Complementary

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



4283459242



4289369168

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.



4282545464



4283459242



4287128100

Square

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



4283459242



4289219671



4285099300



4278221435

Rectangle

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



4283459242



4288172164



4285099300



4279793741

Sweetspot

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



4283459242



4290429918



4283476627



4284178544



4293980400



4285558896

Same Dimension

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



4283459242



4283462622



4284895402



4283190868



4278199444



4278191380

Inverse Universe

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



4289351782



4292759667



4287867472



4283714638



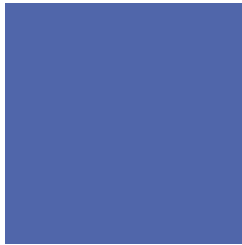
4287889444



4279500805

Previews

White Background



This preview shows how the Android color 4283459242 looks on a white background.

Color Contrast Check

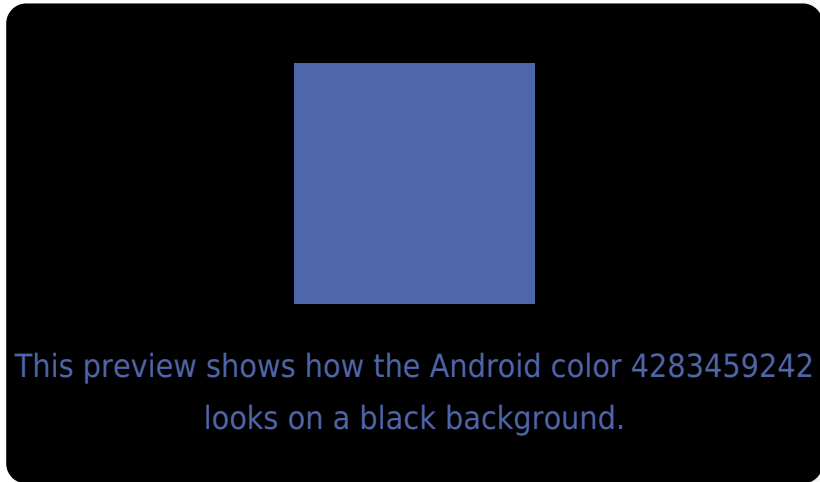
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283459242 Background



This preview shows how black text looks on a background with the Android color 4283459242.

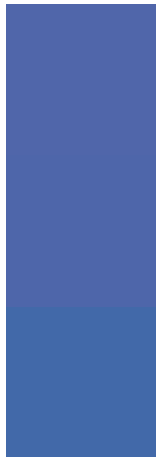


This preview shows how white text looks on a background with the Android color 4283459242.

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
4283459242

Protanopia
4283328170

Deuteranopia
4282542505

Trichromacy



Original Color
4283459242

Protanomaly
4283393706

Deuteranomaly
4282869929

Tritanomaly
4282739851

Monochromacy



Original Color
4283459242

Achromatopsia
4284966759

Achromatomaly
4284442495

CSS Examples

Text

The CSS property to change the color of the text to Android 4283459242 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(80, 102, 170)` looks like.

```
.text, #text, p{  
    color:rgb(80, 102, 170)  
}
```

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(80, 102, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 102, 170) }
```

Border

The CSS property to change the border of an element to Android 4283459242 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(80, 102, 170) }
```

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

```
.border{ border-color:rgb(80, 102, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 102, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 102, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 102, 170);  
box-shadow:4px 4px 4px 4px rgb(80, 102,  
170) }
```

Background

The CSS property to change the background color of an element to Android 4283459242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 102, 170) }
```

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

```
.background{ background-color: rgb(80, 102,  
170) }
```

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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