

Converting Colors

Android(4283593882)

Have a look what the booklet for
Android(4283593882) contains.

Android(4283593882)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283593882)

Conversions

Conversions Part 1

Format	Color
Hex	52749A
RGB	82, 116, 154
RGB Percent	32%, 45%, 60%
CMY	0.6784, 0.5451, 0.3961
CMYK	0.47, 0.25, 0.00, 0.40
HSL	212°, 31%, 46%
HSV	212°, 47%, 60%
XYZ	15.5578, 16.6177, 32.9594
YIQ	110.1660, -32.4620, 4.6100

Conversions

Conversions Part 2

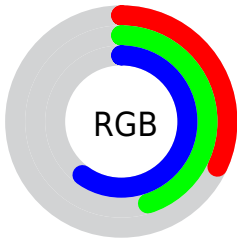
Format	Color
R _Y B	82, 105, 154
Decimal	5403802
CIE Lab	47.77, -1.38, -24.33
CIE LCh	48, 24.371, 266.752
Yxy	16.6177, 0.2389, 0.2551
Android (android.graphics.Color)	4283593882 (0xFF52749A)
YUV	110.1660, 21.6102, -24.7016
Hunter-Lab	40.7648, -3.2144, -19.4021

Details

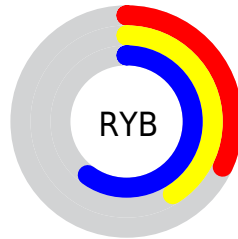
The Android color `4283593882` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288313426`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4287080657`, and `4280042599` is the 20% darker color. If you saturate the color by 10%, you get `4282608794`, and if you desaturate by 10%, it is `4284578970`.

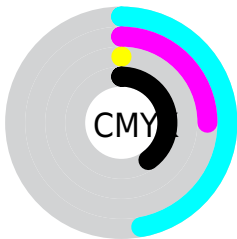
Distribution



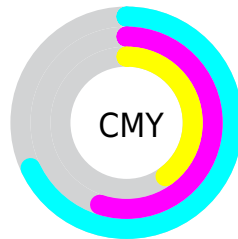
- Red (32%)
- Green (45%)
- Blue (60%)



- Red (32%)
- Yellow (41%)
- Blue (60%)



- Cyan (47%)
- Magenta (25%)
- Yellow (0%)
- Black (40%)



- Cyan (68%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283593882 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 4283593882 by changing the saturation by 10% instead.



4283593882



4283593882

4294967295



4281883776



4287080657



4280042599



4288857069



4278201935



4290699263



4278196791



4292541439



4278190626



4294443007



4278190088



4278190080



4283593882



4283593882



4282608794



4284578970

■ 4281558170

■ 4285629594

■ 4280573082

■ 4286614682

■ 4279522202

■ 4287665562

■ 4278537114

■ 4288650650

■ 4278208922

■ 4289635738

■ 4290686362

■ 4291671450

■ 4292722074

Harmonies

Analogous

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



4281694611



4283593882



4285623702

Triad

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



4283593882



4288308064



4283726426

Complementary

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



4283593882



4288313426

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.



4285298252



4283593882



4287785040

Square

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



4283593882



4288111220



4286738248



4282154094

Rectangle

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



4283593882



4286736526



4286738248



4284315989

Sweetspot

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



4283593882



4289575881



4283603575



4283784550



4293322470



4284900966

Same Dimension

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



4283593882



4284059337



4283650714



4282730573



4278207116



4278191629

Inverse Universe

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



4288303732



4291385742



4288256594



4283254088



4287365186



4279042054

Previews

White Background



This preview shows how the Android color 4283593882 looks on a white background.

Color Contrast Check

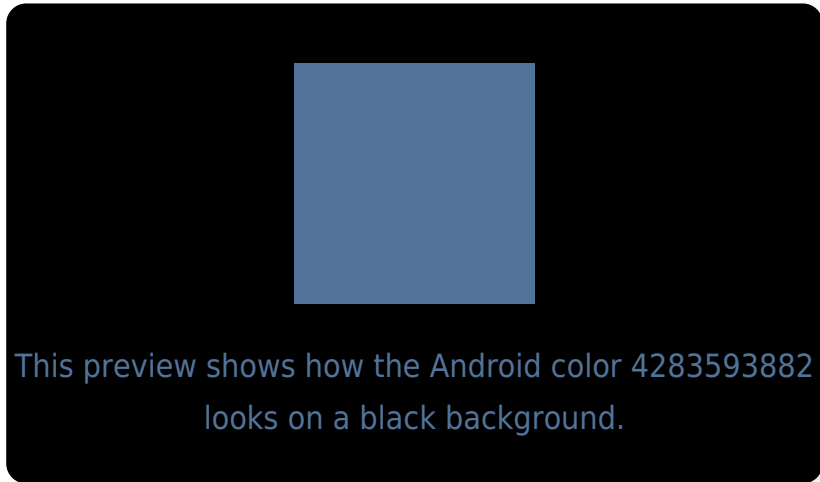
Large Text (above 18pt) WCAG AA ✓ Pass

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

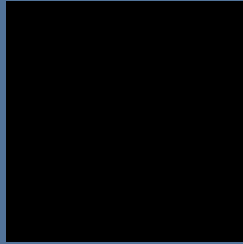
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

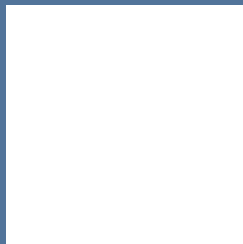
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4283593882 Background



This preview shows how black text looks on a background with the Android color 4283593882.

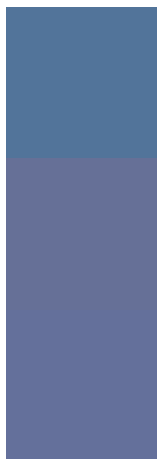


This preview shows how white text looks on a background with the Android color 4283593882.

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

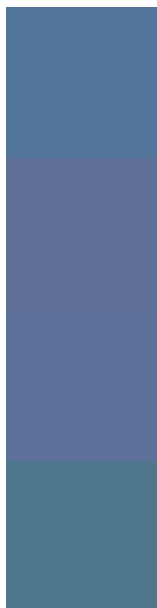


Original Color
4283593882

Protanopia
4284903575

Deuteranopia
4284772507

Trichromacy



Original Color

4283593882

Protanomaly

4284445080

Deuteranomaly

4284314011

Tritanomaly

4283332491

Monochromacy



Original Color

4283593882

Achromatopsia

4285427310

Achromatomaly

4284772478

CSS Examples

Text

The CSS property to change the color of the text to Android 4283593882 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(82, 116, 154)` looks like.

```
.text, #text, p{  
    color:rgb(82, 116, 154)  
}
```

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(82, 116, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 116, 154) }
```

Border

The CSS property to change the border of an element to Android 4283593882 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(82, 116, 154) }
```

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

```
.border{ border-color:rgb(82, 116, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 116, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 116, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 116, 154);  
box-shadow:4px 4px 4px 4px rgb(82, 116,  
154) }
```

Background

The CSS property to change the background color of an element to Android 4283593882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 116, 154) }
```

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

```
.background{ background-color: rgb(82, 116,  
154) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor