

Converting Colors

Android(4280896589)

Have a look what the booklet for
Android(4280896589) contains.

Android(4280896589)	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(4280896589)

Conversions

Conversions Part 1

Format	Color
Hex	294C4D
RGB	41, 76, 77
RGB Percent	16%, 30%, 30%
CMY	0.8392, 0.7020, 0.6980
CMYK	0.47, 0.01, 0.00, 0.70
HSL	182°, 31%, 23%
HSV	182°, 47%, 30%
XYZ	4.8384, 6.1761, 7.9583
YIQ	65.6490, -21.1810, -7.1090

Conversions

Conversions Part 2

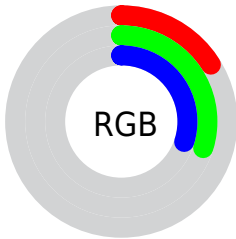
Format	Color
RYB	41, 59, 77
Decimal	2706509
CIELab	29.85, -12.33, -4.57
CIELCh	30, 13.151, 200.312
Yxy	6.1761, 0.2550, 0.3255
Android (android.graphics.Color)	4280896589 (0xFF294C4D)
YUV	65.6490, 5.5960, -21.6172
Hunter-Lab	24.8518, -8.7381, -1.5901

Details

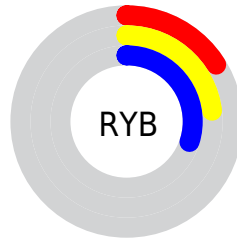
The Android color **4280896589** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4283247145**, and the grayscale version is **4282532418**.

A 20% lighter version of the original color is **4284054910**, and **4278198305** is the 20% darker color. If you saturate the color by 10%, you get **4280372301**, and if you desaturate by 10%, it is **4281420877**.

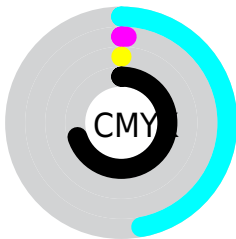
Distribution



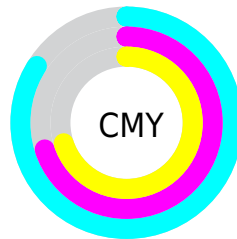
- Red (16%)
- Green (30%)
- Blue (30%)



- Red (16%)
- Yellow (23%)
- Blue (30%)



- Cyan (47%)
- Magenta (1%)
- Yellow (0%)
- Black (70%)



- Cyan (84%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280896589 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 4280896589 by changing the saturation by 10% instead.



4280896589



4280896589

4294967295



4279317814



4284054910



4278198305



4285699992



4278190090



4287410866



4278190080



4289187278



4291029482



4292870143



4294770687



4280896589



4280896589

■ 4280372301

■ 4281420877

■ 4279913549

■ 4281879629

■ 4279389005

■ 4282404173

■ 4278864717

■ 4282928461

■ 4278405965

■ 4283452749

■ 4278209357

■ 4283911501

■ 4284435789

■ 4284960333

■ 4285419085

Harmonies

Analogous

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



4281355331



4280896589



4281027414

Triad

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



4280896589



4283449683



4283516210

Complementary

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



4280896589



4283247145

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.



4283973943



4280896589



4284038986

Square

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



4280896589



4282664281



4284170048



4282861619

Rectangle

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



4280896589



4281420121



4284170048



4283712307

Sweetspot

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



4280896589



4283851619



4280896810



4280955699



4289967027



4281545523

Same Dimension

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



4280896589



4281098851



4280891981



4280428070



4278215526



4278247398

Inverse Universe

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



4283246924



4284689506



4283251753



4280689190



4284874851



4293263583

Previews

White Background



This preview shows how the Android color 4280896589 looks on a white background.

Color Contrast Check

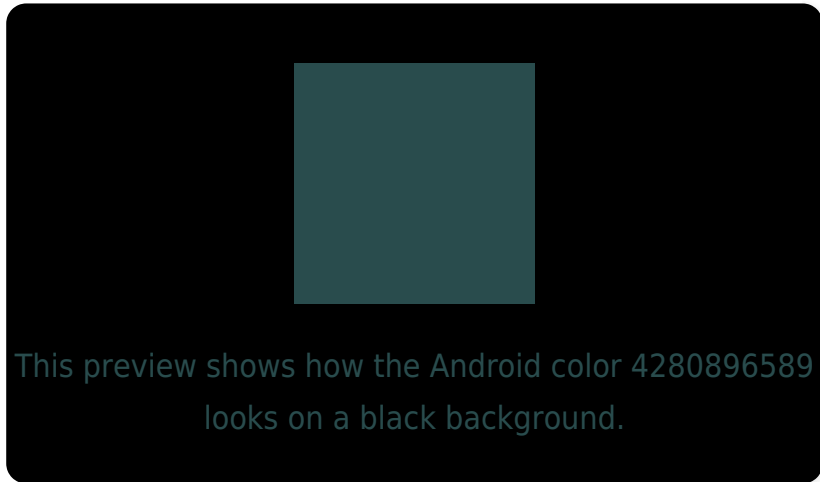
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4280896589 Background



This preview shows how black text looks on a background with the Android color 4280896589.



This preview shows how white text looks on a background with the Android color 4280896589.

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

4280896589

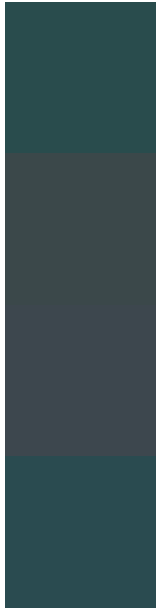
Protanopia

4282795593

Deuteranopia

4282991695

Trichromacy



Original Color
4280896589

Protanomaly
4282075210

Deuteranomaly
4282206030

Tritanomaly
4280961872

Monochromacy



Original Color
4280896589

Achromatopsia
4282532418

Achromatomaly
4281943622

CSS Examples

Text

The CSS property to change the color of the text to Android 4280896589 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(41, 76, 77)` looks like.

```
.text, #text, p{  
    color:rgb(41, 76, 77)  
}
```

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(41, 76, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 76, 77) }
```

Border

The CSS property to change the border of an element to Android 4280896589 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(41, 76, 77) }
```

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

```
.border{ border-color:rgb(41, 76, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 76, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 76, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 76, 77);  
box-shadow:4px 4px 4px 4px rgb(41, 76, 77)  
}
```

Background

The CSS property to change the background color of an element to Android 4280896589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 76, 77) }
```

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

```
.background{ background-color: rgb(41, 76,  
77) }
```

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