

# Converting Colors

Android(4280510299)

Have a look what the booklet for  
Android(4280510299) contains.

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# Color

**Android(4280510299)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23675B
RGB	35, 103, 91
RGB Percent	14%, 40%, 36%
CMY	0.8627, 0.5961, 0.6431
CMYK	0.66, 0.00, 0.12, 0.60
HSL	169°, 49%, 27%
HSV	169°, 66%, 40%
XYZ	7.4317, 10.8132, 11.5930
YIQ	81.3000, -36.6760, -18.1480

# Conversions

## Conversions Part 2

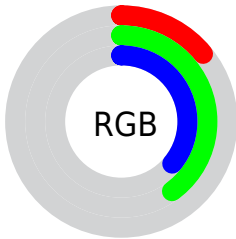
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 72, 103
Decimal	2320219
CIELab	39.26, -24.40, 0.49
CIElCh	39, 24.406, 178.850
Yxy	10.8132, 0.2491, 0.3624
Android (android.graphics.Color)	4280510299 (0xFF23675B)
YUV	81.3000, 4.7821, -40.6051
Hunter-Lab	32.8834, -17.2045, 2.1157

# Details

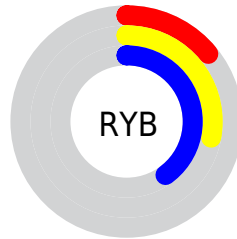
The Android color `4280510299` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4284949295`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4284062605`, and `4278204205` is the 20% darker color. If you saturate the color by 10%, you get `4279854937`, and if you desaturate by 10%, it is `4281165661`.

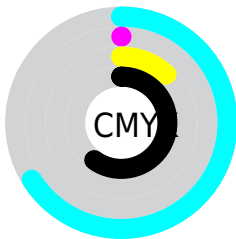
# Distribution



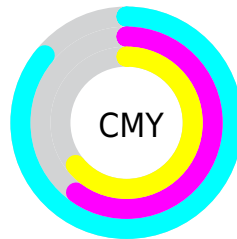
- Red (14%)
- Green (40%)
- Blue (36%)



- Red (14%)
- Yellow (28%)
- Blue (40%)



- Cyan (66%)
- Magenta (0%)
- Yellow (12%)
- Black (60%)



- Cyan (86%)
- Magenta (60%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280510299 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 4280510299 by changing the saturation by 10% instead.





4280510299



4280510299

4294967295



4278210372



4284062605



4278204205



4285773479



4278198809



4287549891



4278190080



4289326814



4291166203



4293066751



4280510299



4280510299



4279854937



4281165661

■ 4279134039

■ 4281886559

■ 4278478678

■ 4282541920

■ 4278216533

■ 4283197282

■ 4283918180

■ 4284573542

■ 4285228904

■ 4285884266

■ 4286605163

# Harmonies

## Analogous

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



4282279239



4280510299



4278609775

# Triad

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



4280510299



4284373119



4286207035

# Complementary

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



4280510299



4284949295

# 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.



4286795594



4280510299



4285878641

# Square

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



4280510299



4282277764



4286664030



4285160244

# Rectangle

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



4280510299



4279133562



4286664030



4286468671



# Sweetspot

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



4280510299



4285302658



4281296675



4281615682



4291085508



4282729797



# Same Dimension

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



4280510299



4280059764



4280504679



4281217842



4278219614



4278252231



# Inverse Universe

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



4284949295



4287044655



4284954915



4281544239



4285726740



4294049835



# Previews

## White Background



This preview shows how the Android color 4280510299 looks on a white background.

## Color Contrast Check

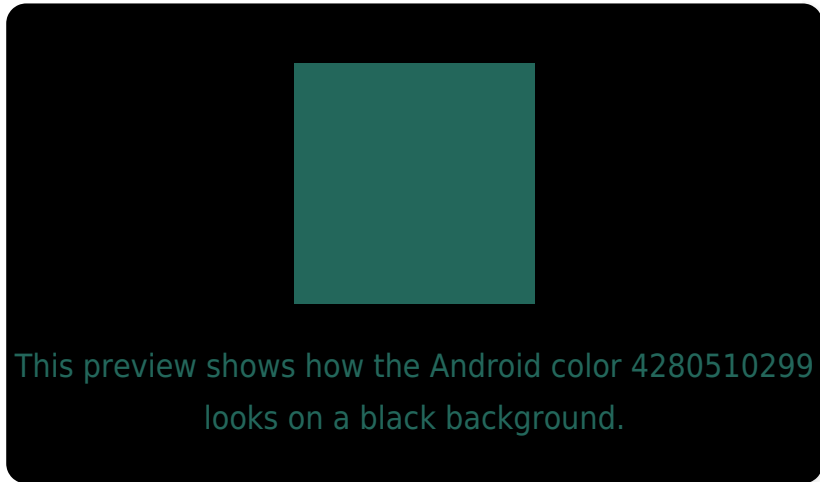
Large Text (above 18pt) WCAG AA ✓ Pass

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

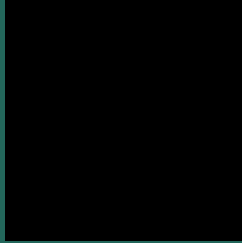
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4280510299 Background



This preview shows how black text looks on a background with the Android color 4280510299.



This preview shows how white text looks on a background with the Android color 4280510299.

# 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



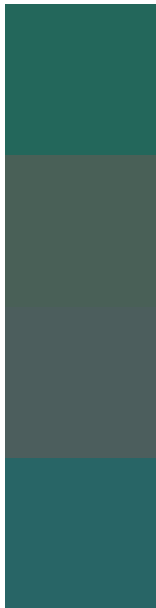
**Original Color**  
4280510299

**Protanopia**  
4284439637

**Deuteranopia**  
4284766558



# Trichromacy



**Original Color**  
4280510299

**Protanomaly**  
4282998871

**Deuteranomaly**  
4283194973

**Tritanomaly**  
4280837478

# Monochromacy



**Original Color**  
4280510299

**Achromatopsia**  
4283519313

**Achromatomaly**  
4282407253

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280510299 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(35, 103, 91)` looks like.

```
.text, #text, p{  
    color:rgb(35, 103, 91)  
}
```

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(35, 103, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 103, 91) }
```

## Border

The CSS property to change the border of an element to Android 4280510299 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(35, 103, 91) }
```

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

```
.border{ border-color:rgb(35, 103, 91) }
```

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

Here you see how a box with a 4 pixel rgb(35, 103, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 103, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 103, 91);  
box-shadow:4px 4px 4px 4px rgb(35, 103,  
91) }
```

# Background

The CSS property to change the background color of an element to Android 4280510299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 103, 91) }
```

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

```
.background{ background-color: rgb(35, 103,  
91) }
```

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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