

# Converting Colors

Android(4280514941)

Have a look what the booklet for  
Android(4280514941) contains.

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# Color

**Android(4280514941)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23797D
RGB	35, 121, 125
RGB Percent	14%, 47%, 49%
CMY	0.8627, 0.5255, 0.5098
CMYK	0.72, 0.03, 0.00, 0.51
HSL	183°, 56%, 31%
HSV	183°, 72%, 49%
XYZ	11.2322, 15.5127, 21.8043
YIQ	95.7420, -52.5400, -16.9880

# Conversions

## Conversions Part 2

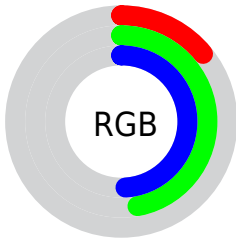
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 79, 125
Decimal	2324861
CIELab	46.33, -23.29, -9.55
CIElCh	46, 25.174, 202.287
Yxy	15.5127, 0.2314, 0.3195
Android (android.graphics.Color)	4280514941 (0xFF23797D)
YUV	95.7420, 14.4242, -53.2707
Hunter-Lab	39.3862, -18.0212, -5.2527

# Details

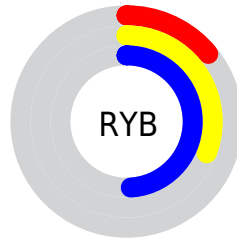
The Android color **4280514941** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4286392099**, and the grayscale version is **4284506208**.

A 20% lighter version of the original color is **4284395186**, and **4278208588** is the 20% darker color. If you saturate the color by 10%, you get **4279728253**, and if you desaturate by 10%, it is **4281367165**.

# Distribution



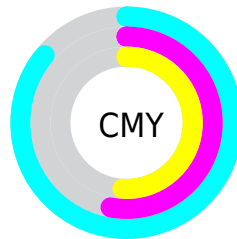
- Red (14%)
- Green (47%)
- Blue (49%)



- Red (14%)
- Yellow (31%)
- Blue (49%)



- Cyan (72%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



- Cyan (86%)
- Magenta (53%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280514941 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 4280514941 by changing the saturation by 10% instead.



 4280514941

 4280514941

4294967295

 4278214756

 4284395186

 4278208588

 4286237133

 4278202678

 4288079337

 4278197792

 4289921023

 4278190088

 4291821567

 4278190080

 4293722111

 4280514941

 4280514941

 4279728253

 4281367165

■ 4278876285

■ 4282153597

■ 4278220669

■ 4283005821

■ 4283792253

■ 4284644477

■ 4285430909

■ 4286217597

■ 4287069565

■ 4287856253

# Harmonies

## Analogous

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



4282022247



4280514941



4280842126

# Triad

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



4280514941



4286800776



4286671684

# Complementary

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



4280514941



4286392099

# 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.



4287652685



4280514941



4287848052

# Square

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



4280514941



4285098645



4288110175



4285296966

# Rectangle

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



4280514941



4282151829



4288110175



4287064134



# Sweetspot

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



4280514941



4286554787



4280515878



4282143058



4291940817



4283585106



# Same Dimension

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



4280514941



4279737763



4280503677



4281941824



4278221440



4278190080



# Inverse Universe

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



4286391161



4288878493



4286403363



4282399039



4286578810



4278190080



# Previews

## White Background



This preview shows how the Android color 4280514941 looks on a white background.

## Color Contrast Check

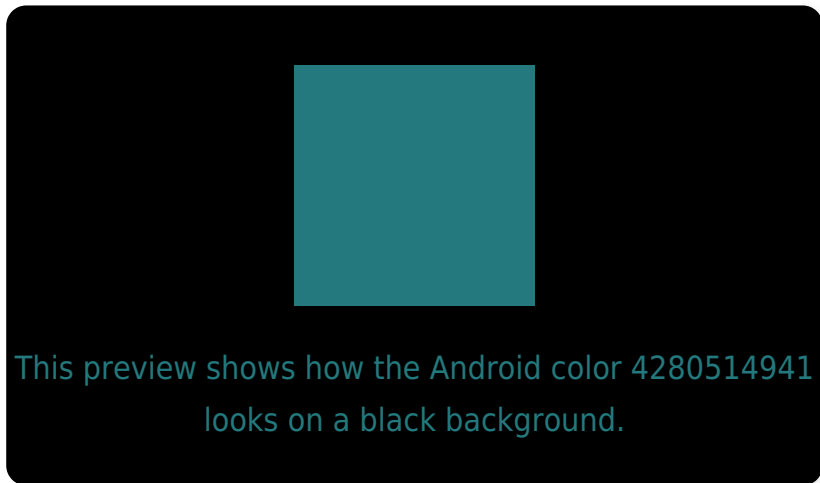
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280514941 Background



This preview shows how black text looks on a background with the Android color 4280514941.



This preview shows how white text looks on a background with the Android color 4280514941.

# 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



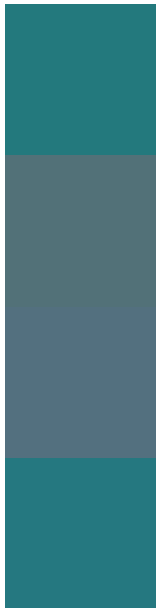
**Original Color**  
4280514941

**Protanopia**  
4285361269

**Deuteranopia**  
4285492096



# Trichromacy



**Original Color**  
4280514941

**Protanomaly**  
4283593080

**Deuteranomaly**  
4283658367

**Tritanomaly**  
4280645760

# Monochromacy



**Original Color**  
4280514941

**Achromatopsia**  
4284506208

**Achromatomaly**  
4283066731

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280514941 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, 121, 125)` looks like.

```
.text, #text, p{  
    color:rgb(35, 121, 125)  
}
```

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, 121, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 121, 125) }
```

## Border

The CSS property to change the border of an element to Android 4280514941 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, 121, 125) }
```

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

```
.border{ border-color:rgb(35, 121, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 121, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 121, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 121, 125);  
box-shadow:4px 4px 4px 4px rgb(35, 121,  
125) }
```

# Background

The CSS property to change the background color of an element to Android 4280514941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 121, 125) }
```

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

```
.background{ background-color: rgb(35, 121,  
125) }
```

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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