

# Converting Colors

Android(4280517182)

Have a look what the booklet for  
Android(4280517182) contains.

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# Color

**Android(4280517182)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23823E
RGB	35, 130, 62
RGB Percent	14%, 51%, 24%
CMY	0.8627, 0.4902, 0.7569
CMYK	0.73, 0.00, 0.52, 0.49
HSL	137°, 58%, 32%
HSV	137°, 73%, 51%
XYZ	9.5453, 16.6704, 7.2720
YIQ	93.8430, -34.7920, -41.2880

# Conversions

## Conversions Part 2

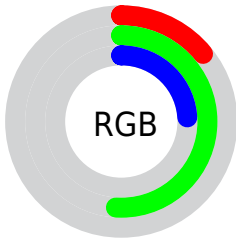
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 109, 130
Decimal	2327102
CIELab	47.84, -42.77, 28.93
CIELCh	48, 51.636, 145.929
Yxy	16.6704, 0.2850, 0.4978
Android (android.graphics.Color)	4280517182 (0xFF23823E)
YUV	93.8430, -15.6986, -51.6053
Hunter-Lab	40.8294, -29.7209, 18.0205

# Details

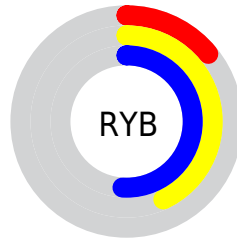
The Android color `4280517182` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4286718823`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4284397679`, and `4278210319` is the 20% darker color. If you saturate the color by 10%, you get `4279665205`, and if you desaturate by 10%, it is `4281369159`.

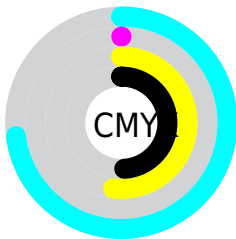
# Distribution



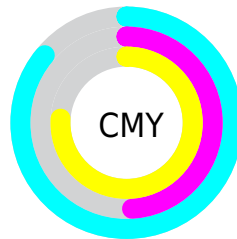
- Red (14%)
- Green (51%)
- Blue (24%)



- Red (14%)
- Yellow (43%)
- Blue (51%)



- Cyan (73%)
- Magenta (0%)
- Yellow (52%)
- Black (49%)



- Cyan (86%)
- Magenta (49%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280517182 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 4280517182 by changing the saturation by 10% instead.





4280517182



4280517182

4294967295



4278216743



4284397679



4278210319



4286239881



4278204160



4288016803



4278198784



4289920959



4278190080



4291755995



4293722103



4280517182



4280517182



4279665205



4281369159

■ 4278813227

■ 4282221137

■ 4278223397

■ 4283073114

■ 4283925091

■ 4284777069

■ 4285629046

■ 4286481023

■ 4287333000

■ 4288184978

# Harmonies

## Analogous

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



4284643865



4280517182



4278224490

# Triad

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



4280517182



4278221001



4290726990

# Complementary

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



4280517182



4286718823

# 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.



4290529401



4280517182



4284901824

# Square

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



4280517182



4278223545



4288697763



4289551401

# Rectangle

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



4280517182



4278224520



4288697763



4290791516



# Sweetspot

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



4280517182



4286818446



4284973603



4282274884



4292138196



4283716692



# Same Dimension

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



4280517182



4279543870



4280517229



4281942075



4278222884



4278190080



# Inverse Universe

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



4286718823



4289205374



4286718776



4282399038



4286578779



4278190080



# Previews

## White Background



This preview shows how the Android color 4280517182 looks on a white background.

## Color Contrast Check

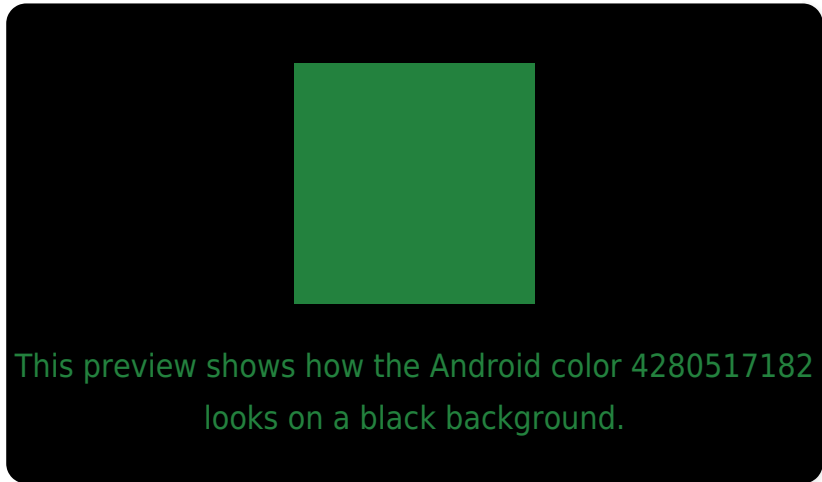
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280517182 Background



This preview shows how black text looks on a background with the Android color 4280517182.



This preview shows how white text looks on a background with the Android color 4280517182.

# 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**  
4280517182

**Protanopia**  
4286411064

**Deuteranopia**  
4287196228



# Trichromacy



**Original Color**

4280517182



**Protanomaly**

4284249914



**Deuteranomaly**

4284773442



**Tritanomaly**

4281564523

# Monochromacy



**Original Color**

4280517182



**Achromatopsia**

4284374622



**Achromatomaly**

4283001682

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280517182 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, 130, 62)` looks like.

```
.text, #text, p{  
    color:rgb(35, 130, 62)  
}
```

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, 130, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 130, 62) }
```

## Border

The CSS property to change the border of an element to Android 4280517182 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, 130, 62) }
```

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

```
.border{ border-color:rgb(35, 130, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 130, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 130, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 130, 62);  
box-shadow:4px 4px 4px 4px rgb(35, 130,  
62) }
```

# Background

The CSS property to change the background color of an element to Android 4280517182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 130, 62) }
```

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

```
.background{ background-color: rgb(35, 130,  
62) }
```

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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