

# Converting Colors

Android(4280195673)

Have a look what the booklet for  
Android(4280195673) contains.

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# Color

**Android(4280195673)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E9A59
RGB	30, 154, 89
RGB Percent	12%, 60%, 35%
CMY	0.8824, 0.3961, 0.6510
CMYK	0.81, 0.00, 0.42, 0.40
HSL	149°, 67%, 36%
HSV	149°, 81%, 60%
XYZ	13.8942, 24.1085, 13.3723
YIQ	109.5140, -53.0390, -46.5030

# Conversions

## Conversions Part 2

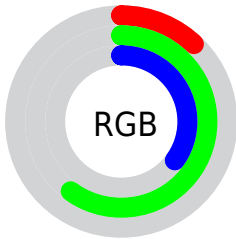
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 114, 154
Decimal	2005593
CIE <sub>Lab</sub>	56.20, -47.80, 25.06
CIE <sub>LCh</sub>	56, 53.971, 152.330
Yxy	24.1085, 0.2704, 0.4693
Android (android.graphics.Color)	4280195673 (0xFF1E9A59)
YUV	109.5140, -10.1134, -69.7338
Hunter-Lab	49.1004, -35.4146, 18.2229

# Details

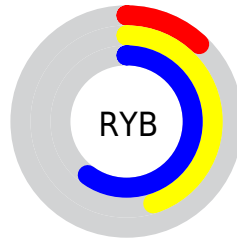
The Android color `4280195673` is a dark color, and the websafe version is hex `009966`. A complement of this color would be `4288290399`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4284535180`, and `4278215978` is the 20% darker color. If you saturate the color by 10%, you get `4279212625`, and if you desaturate by 10%, it is `4281178721`.

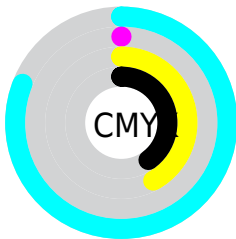
# Distribution



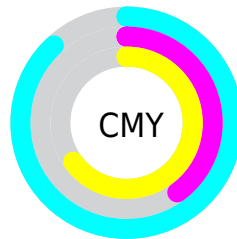
- Red (12%)
- Green (60%)
- Blue (35%)



- Red (12%)
- Yellow (45%)
- Blue (60%)



- Cyan (81%)
- Magenta (0%)
- Yellow (42%)
- Black (40%)



- Cyan (88%)
- Magenta (40%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280195673 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 4280195673 by changing the saturation by 10% instead.





4280195673



4280195673

4294967295



4278222657



4284535180



4278215978



4286443174



4278209556



4288348098



4278203648



4290248670



4278197760



4292214778



4278190080



4294115327



4280195673



4280195673



4279212625



4281178721

 4278229577

 4282227305

 4283210353

 4284258937

 4285241985

 4286225033

 4287273618

 4288256666

 4289305250

# Harmonies

## Analogous

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



4285305393



4280195673



4278230409

# Triad

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



4280195673



4278750181



4292371031

# Complementary

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



4280195673



4288290399

# 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.



4292500357



4280195673



4287461846

# Square

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



4280195673



4278228953



4290930099



4290868274

# Rectangle

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



4280195673



4278230441



4290930099



4292632166



# Sweetspot

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



4280195673



4288268720



4284520990



4282934870



4293322470



4284900966



# Same Dimension

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



4280195673



4278634851



4280195734



4282731848



4278225987



4278193414



# Inverse Universe

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



4288290399



4291364460



4288290338



4283254089



4287365194



4279042055



# Previews

## White Background



This preview shows how the Android color 4280195673 looks on a white background.

## Color Contrast Check

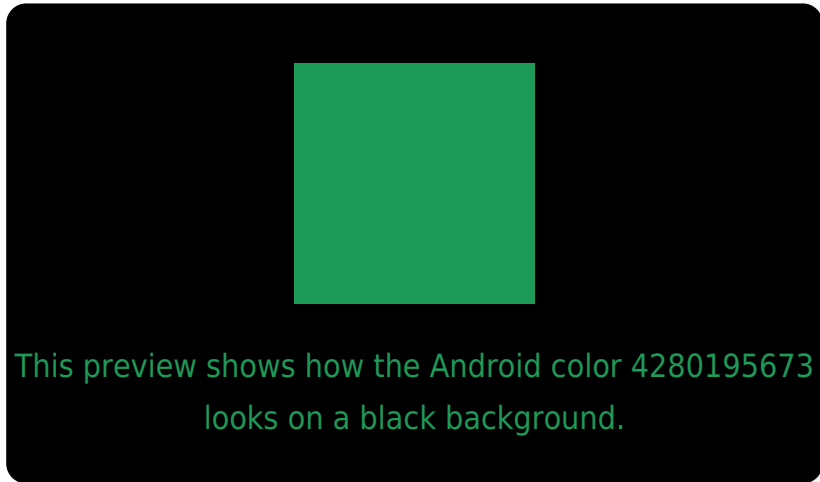
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

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



# Android 4280195673 Background



This preview shows how black text looks on a background with the Android color 4280195673.



This preview shows how white text looks on a background with the Android color 4280195673.

# 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**  
4280195673

**Protanopia**  
4287792721

**Deuteranopia**  
4288643167



# Trichromacy



**Original Color**

4280195673



**Protanomaly**

4285042004



**Deuteranomaly**

4285565277



**Tritanomaly**

4281570693

# Monochromacy



**Original Color**

4280195673



**Achromatopsia**

4285427310



**Achromatomaly**

4283530854

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280195673 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(30, 154, 89)` looks like.

```
.text, #text, p{  
    color:rgb(30, 154, 89)  
}
```

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(30, 154, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 154, 89) }
```

## Border

The CSS property to change the border of an element to Android 4280195673 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(30, 154, 89) }
```

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

```
.border{ border-color:rgb(30, 154, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 154, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 154, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 154, 89);  
box-shadow:4px 4px 4px 4px rgb(30, 154,  
89) }
```

# Background

The CSS property to change the background color of an element to Android 4280195673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 154, 89) }
```

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

```
.background{ background-color: rgb(30, 154,  
89) }
```

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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