

# Converting Colors

Android(4281378691)

Have a look what the booklet for  
Android(4281378691) contains.

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# Color

**Android(4281378691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30A783
RGB	48, 167, 131
RGB Percent	19%, 65%, 51%
CMY	0.8118, 0.3451, 0.4863
CMYK	0.71, 0.00, 0.22, 0.35
HSL	162°, 55%, 42%
HSV	162°, 71%, 65%
XYZ	19.1344, 29.9045, 26.2364
YIQ	127.3150, -59.3680, -36.4240

# Conversions

## Conversions Part 2

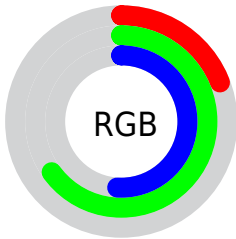
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 118, 167
Decimal	3188611
CIELab	61.57, -41.32, 9.29
CIElCh	62, 42.351, 167.329
Yxy	29.9045, 0.2542, 0.3973
Android (android.graphics.Color)	4281378691 (0xFF30A783)
YUV	127.3150, 1.8167, -69.5593
Hunter-Lab	54.6850, -33.2413, 9.8338

# Details

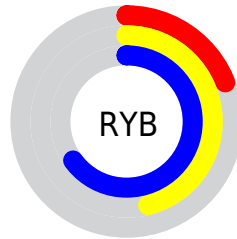
The Android color `4281378691` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4289146964`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4285456312`, and `4278219346` is the 20% darker color. If you saturate the color by 10%, you get `4280264574`, and if you desaturate by 10%, it is `4282492808`.

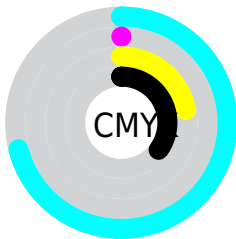
# Distribution



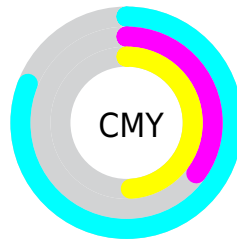
- Red (19%)
- Green (65%)
- Blue (51%)



- Red (19%)
- Yellow (46%)
- Blue (65%)



- Cyan (71%)
- Magenta (0%)
- Yellow (22%)
- Black (35%)



- Cyan (81%)
- Magenta (35%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281378691 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 4281378691 by changing the saturation by 10% instead.





4281378691



4281378691

4294967295



4278226026



4285456312



4278219346



4287364308



4278212923



4289265648



4278206501



4291231743



4278200848



4293132287



4278192896



4278190080



4281378691



4281378691



4280264574



4282492808

■ 4279215993

■ 4283541389

■ 4278232948

■ 4284655506

■ 4285769623

■ 4286883740

■ 4287932321

■ 4289046438

■ 4290160555

■ 4291209136

# Harmonies

## Analogous

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



4285309536



4281378691



4278233258

# Triad

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



4281378691



4286550492



4291985503

# Complementary

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



4281378691



4289146964

# 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.



4292638592



4281378691



4289954760

# Square

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



4281378691



4280917469



4292049062



4290350411

# Rectangle

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



4281378691



4278232769



4292049062



4292312169



# Sweetspot

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



4281378691



4289452491



4283868976



4283592293



4293783021



4285427310



# Same Dimension

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



4281378691



4280211872



4281373095



4283192402



4278228071



4278195214



# Inverse Universe

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



4289146964



4292419159



4289152560



4283714638



4287889453



4279500806



# Previews

## White Background



This preview shows how the Android color 4281378691 looks on a white background.

## Color Contrast Check

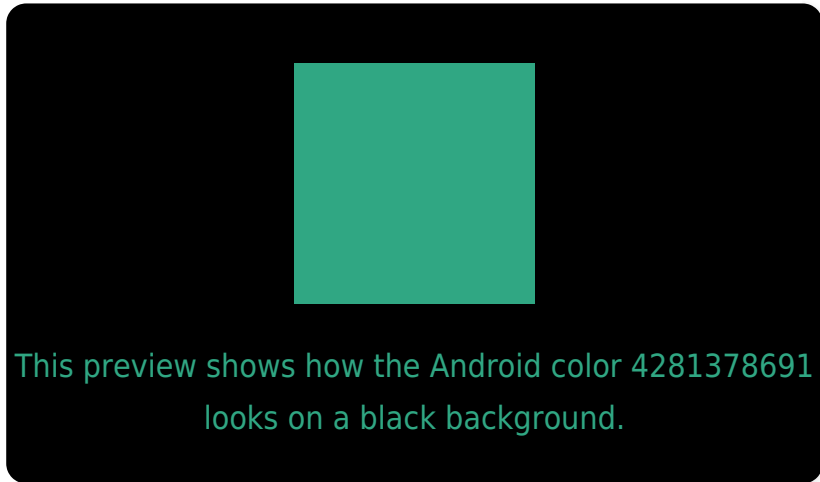
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281378691 Background



This preview shows how black text looks on a background with the Android color 4281378691.



This preview shows how white text looks on a background with the Android color 4281378691.

# 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





# Trichromacy



**Original Color**  
4281378691



**Protanomaly**  
4285897341



**Deuteranomaly**  
4286289798



**Tritanomaly**  
4282229662

# Monochromacy



**Original Color**  
4281378691



**Achromatopsia**  
4286545791



**Achromatomaly**  
4284649088

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281378691 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(48, 167, 131)` looks like.

```
.text, #text, p{  
    color:rgb(48, 167, 131)  
}
```

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(48, 167, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 167, 131) }
```

## Border

The CSS property to change the border of an element to Android 4281378691 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(48, 167, 131) }
```

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

```
.border{ border-color:rgb(48, 167, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 167, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 167, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 167, 131);  
box-shadow:4px 4px 4px 4px rgb(48, 167,  
131) }
```

# Background

The CSS property to change the background color of an element to Android 4281378691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 167, 131) }
```

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

```
.background{ background-color: rgb(48, 167,  
131) }
```

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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