

# Converting Colors

Android(4280007168)

Have a look what the booklet for  
Android(4280007168) contains.

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# **Color**

**Android(4280007168)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BBA00
RGB	27, 186, 0
RGB Percent	11%, 73%, 0%
CMY	0.8941, 0.2706, 1.0000
CMYK	0.85, 0.00, 1.00, 0.27
HSL	111°, 100%, 36%
HSV	111°, 100%, 73%
XYZ	18.0109, 35.3508, 5.8741
YIQ	117.2550, -35.0580, -91.5540

# Conversions

## Conversions Part 2

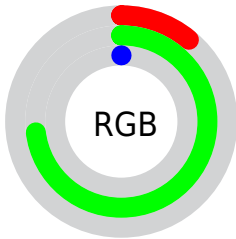
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 186, 159
Decimal	1817088
CIELab	66.02, -66.35, 65.84
CIELCh	66, 93.475, 135.219
Yxy	35.3508, 0.3041, 0.5968
Android (android.graphics.Color)	4280007168 (0xFF1BBA00)
YUV	117.2550, -57.8067, -79.1536
Hunter-Lab	59.4566, -49.9768, 35.7619

# Details

The Android color `4280007168` is a dark color, and the websafe version is hex `33CC33`. A complement of this color would be `4288610490`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4285264717`, and `4278223616` is the 20% darker color. If you saturate the color by 10%, you get `4280007168`, and if you desaturate by 10%, it is `4281055763`.

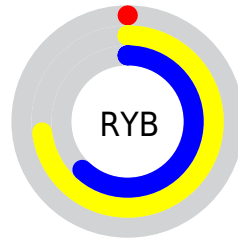
# Distribution



Red (11%)

Green (73%)

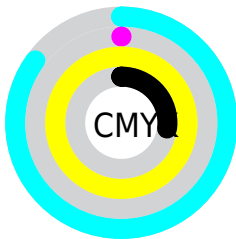
Blue (0%)



Red (0%)

Yellow (73%)

Blue (62%)

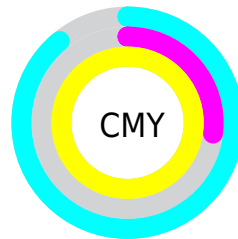


Cyan (85%)

Magenta (0%)

Yellow (100%)

Black (27%)



Cyan (89%)

Magenta (27%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280007168 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 4280007168 by changing the saturation by 10% instead.



 4280007168

 4280007168

4294967295

 4278230528

 4285264717


 4278223616

 4287299434

 4278216960

 4289331078

 4278210304

 4291362722

 4278204160

 4293394367

 4278197504

 4294967260

 4278190080

 4294967289

 4280007168

 4281055763

 4282104357

 4283152952

 4284201546

 4285184605

 4286233200

 4287281794

 4288330389

 4289378983

# Harmonies

## Analogous

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



4288326144



4280007168



4278239858

# Triad

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



4280007168



4278236927



4294913914

# Complementary

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



4280007168



4288610490

# 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.



4294917070



4280007168



4278230527

# Square

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



4280007168



4278239999



4292309759



4294926887

# Rectangle

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



4280007168



4278240429



4292309759



4294911894

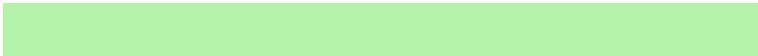


# Sweetspot

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



4280007168



4290048682



4290420224



4283791950



4294638330



4286216826



# Same Dimension

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



4280007168



4280545792



4278237761



4283718739



4279737344



4278459392



# Inverse Universe

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



4288610490



4291756274



4290379897



4284109660



4286906524

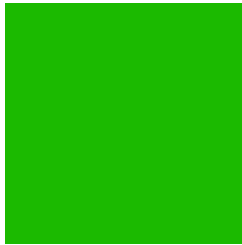


4279762972



# Previews

## White Background



This preview shows how the Android color 4280007168 looks on a white background.

## Color Contrast Check

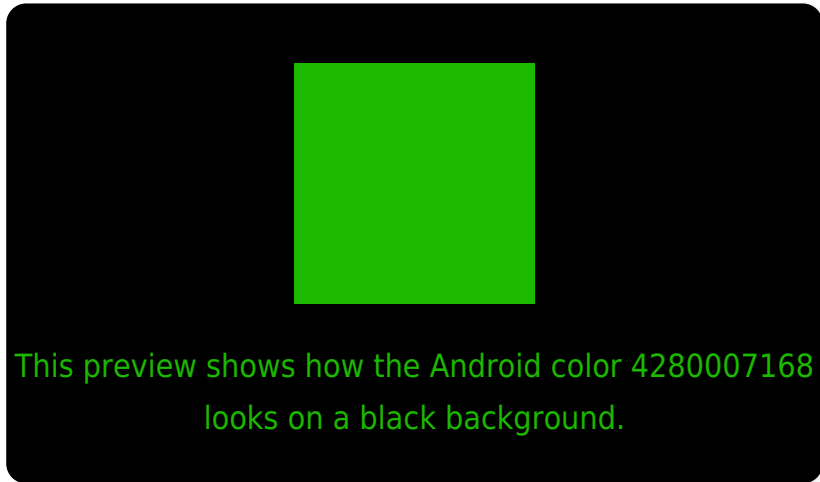
Large Text (above 18pt) WCAG AA × Fail

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

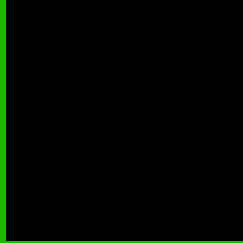
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4280007168 Background



This preview shows how black text looks on a background with the Android color 4280007168.



This preview shows how white text looks on a background with the Android color 4280007168.

# 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**

4280007168



**Protanomaly**

4286359808



**Deuteranomaly**

4287210521



**Tritanomaly**

4282233463

# Monochromacy



**Original Color**

4280007168



**Achromatopsia**

4285887861



**Achromatomaly**

4283731530

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280007168 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(27, 186, 0)` looks like.

```
.text, #text, p{  
    color:rgb(27, 186, 0)  
}
```

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(27, 186, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 186, 0) }
```

## Border

The CSS property to change the border of an element to Android 4280007168 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(27, 186, 0) }
```

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

```
.border{ border-color:rgb(27, 186, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 186, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 186, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 186, 0);  
box-shadow:4px 4px 4px 4px rgb(27, 186, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280007168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 186, 0) }
```

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

```
.background{ background-color: rgb(27, 186,  
0) }
```

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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