

# Converting Colors

Android(4280663077)

Have a look what the booklet for  
Android(4280663077) contains.

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# **Color**

**Android(4280663077)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25BC25
RGB	37, 188, 37
RGB Percent	15%, 74%, 15%
CMY	0.8549, 0.2627, 0.8549
CMYK	0.80, 0.00, 0.80, 0.26
HSL	120°, 67%, 44%
HSV	120°, 80%, 74%
XYZ	19.0801, 36.4933, 7.7886
YIQ	125.6370, -41.5250, -78.9730

# Conversions

## Conversions Part 2

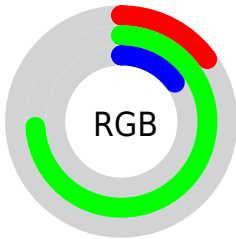
Format	Color
<b>RYB</b>	37, 188, 188
Decimal	2472997
CIELab	66.90, -64.54, 59.90
CIElCh	67, 88.056, 137.137
Yxy	36.4933, 0.3011, 0.5759
Android (android.graphics.Color)	4280663077 (0xFF25BC25)
YUV	125.6370, -43.6980, -77.7346
Hunter-Lab	60.4097, -49.3387, 34.6426

# Details

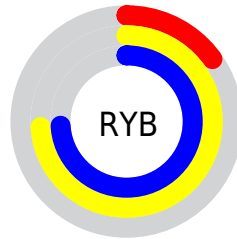
The Android color `4280663077` is a dark color, and the websafe version is hex `33CC33`. A complement of this color would be `4290520508`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4285527647`, and `4278224128` is the 20% darker color. If you saturate the color by 10%, you get `4279417874`, and if you desaturate by 10%, it is `4281908280`.

# Distribution



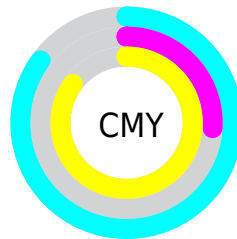
- Red (15%)
- Green (74%)
- Blue (15%)



- Red (15%)
- Yellow (74%)
- Blue (74%)



- Cyan (80%)
- Magenta (0%)
- Yellow (80%)
- Black (26%)



- Cyan (85%)
- Magenta (26%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280663077 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 4280663077 by changing the saturation by 10% instead.





4280663077



4280663077

4294967295



4278231040



4285527647



4278224128



4287561594



4278217472



4289527702



4278210816



4291559346



4278204672



4293525455



4278198272



4294967276



4278190080



4280663077



4280663077



4279417874



4281908280

 4278238208

 4283153483

 4284333149


 4285578352

 4286823555

 4288068758

 4289313961

 4290493627

 4291738830

# Harmonies

## Analogous

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



4288326912



4280663077



4278240125

# Triad

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



4280663077



4278236927



4294919545

# Complementary

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



4280663077



4290520508

# 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.



4294920904



4280663077



4281507327

# Square

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



4280663077



4278239999



4292703743



4294929708

# Rectangle

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



4280663077



4278240692



4292703743



4294918035

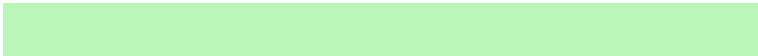


# Sweetspot

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



4280663077



4290442682



4290559013



4283923031



4294638330



4286216826



# Same Dimension

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



4280663077



4278908170



4280663153



4283784789



4278230528



4278198016



# Inverse Universe

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



4290520508



4294249205



4290520433



4284372318



4288544926

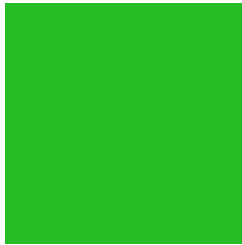


4280221727



# Previews

## White Background



This preview shows how the Android color 4280663077 looks on a white background.

## Color Contrast Check

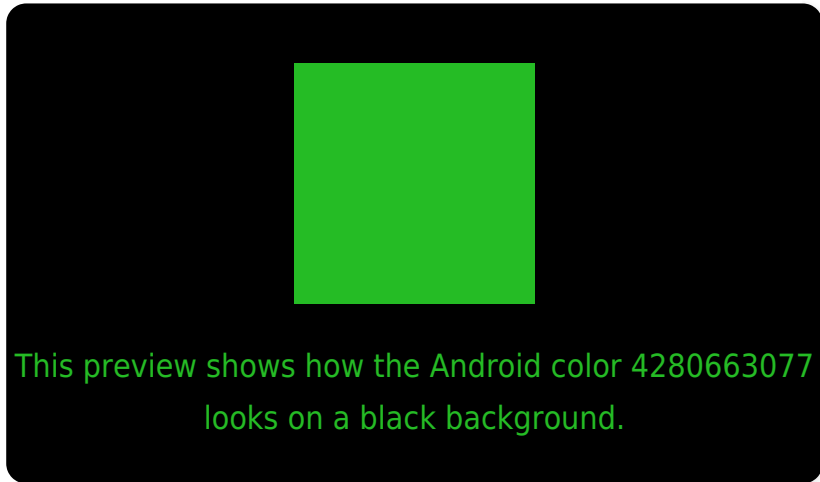
Large Text (above 18pt) WCAG AA × Fail

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 4280663077 Background



This preview shows how black text looks on a background with the Android color 4280663077.



This preview shows how white text looks on a background with the Android color 4280663077.

# 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**  
4280663077

**Protanopia**  
4290159134

**Deuteranopia**  
4291467574



# Trichromacy



**Original Color**

4280663077



**Protanomaly**

4286688033



**Deuteranomaly**

4287538736



**Tritanomaly**

4282692742

# Monochromacy



**Original Color**

4280663077



**Achromatopsia**

4286479998



**Achromatomaly**

4284388702

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280663077 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(37, 188, 37)` looks like.

```
.text, #text, p{  
    color:rgb(37, 188, 37)  
}
```

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(37, 188, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 188, 37) }
```

## Border

The CSS property to change the border of an element to Android 4280663077 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(37, 188, 37) }
```

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

```
.border{ border-color:rgb(37, 188, 37) }
```

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

Here you see how a box with a 4 pixel rgb(37, 188, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 188, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 188, 37);  
box-shadow:4px 4px 4px 4px rgb(37, 188,  
37) }
```

# Background

The CSS property to change the background color of an element to Android 4280663077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 188, 37) }
```

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

```
.background{ background-color: rgb(37, 188,  
37) }
```

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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