

# Converting Colors

Android(4283678740)

Have a look what the booklet for  
Android(4283678740) contains.

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# **Color**

**Android(4283678740)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	53C014
RGB	83, 192, 20
RGB Percent	33%, 75%, 8%
CMY	0.6745, 0.2471, 0.9216
CMYK	0.57, 0.00, 0.90, 0.25
HSL	98°, 81%, 42%
HSV	98°, 90%, 75%
XYZ	22.5432, 39.5888, 7.1151
YIQ	139.8010, -9.7520, -76.6000

# Conversions

## Conversions Part 2

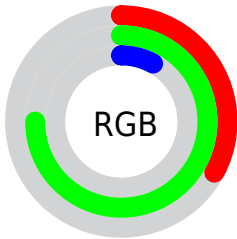
Format	Color
<a href="#">RYB</a>	<a href="#">20, 192, 129</a>
Decimal	<a href="#">5488660</a>
CIELab	<a href="#">69.18, -57.64, 66.30</a>
CIElCh	<a href="#">69, 87.848, 131.002</a>
Yxy	<a href="#">39.5888, 0.3255, 0.5717</a>
Android (android.graphics.Color)	<a href="#">4283678740 (0xFF53C014)</a>
YUV	<a href="#">139.8010, -59.0619, -49.8145</a>
Hunter-Lab	<a href="#">62.9196, -46.1554, 37.3391</a>

# Details

The Android color `4283678740` is a dark color, and the websafe version is hex `66CC33`. The color can be described as dark washed green. A complement of this color would be `4286649536`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4287691094`, and `4278225152` is the 20% darker color. If you saturate the color by 10%, you get `4282892289`, and if you desaturate by 10%, it is `4284465191`.

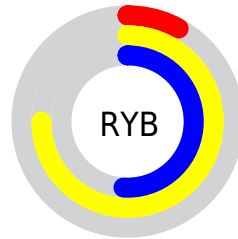
# Distribution



Red (33%)

Green (75%)

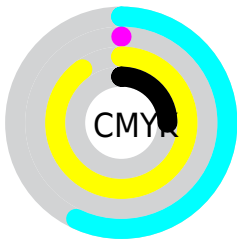
Blue (8%)



Red (8%)

Yellow (75%)

Blue (51%)

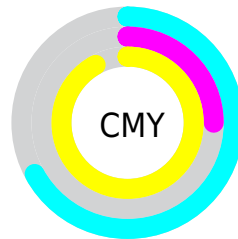


Cyan (57%)

Magenta (0%)

Yellow (90%)

Black (25%)



Cyan (67%)

Magenta (25%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283678740 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 4283678740 by changing the saturation by 10% instead.





4283678740



4283678740

4294967295



4281443328



4287691094



4278225152



4289593202



4278218496



4291559310



4278211840



4293525419



4278205696



4294967239



4278199808



4294967269



4278190080



4283678740



4283678740



4282892289



4284465191

■ 4282826752

■ 4285251642

■ 4286103630

■ 4286890081

■ 4287676532

■ 4288462983

■ 4289249434

■ 4290035886

■ 4290887873

# Harmonies

## Analogous

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



4289769216



4283678740



4278241650

# Triad

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



4283678740



4278239487



4294920847

# Complementary

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



4283678740



4286649536

# 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.



4294924767



4283678740



4278233599

# Square

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



4283678740



4278242047



4291790335



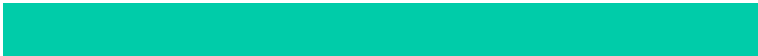
4294929219

# Rectangle

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



4283678740



4278242473



4291790335



4294920618

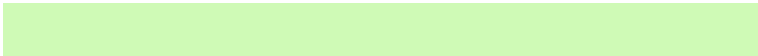


# Sweetspot

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



4283678740



4291820214



4290806036



4284775765



4294769916



4286414205



# Same Dimension

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



4283678740



4284283392



4279549995



4284178775



4282097920



4278984960



# Inverse Universe

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



4286649536



4288545018



4290778281



4284307297



4284874913



4279566369



# Previews

## White Background



This preview shows how the Android color 4283678740 looks on a white background.

## Color Contrast Check

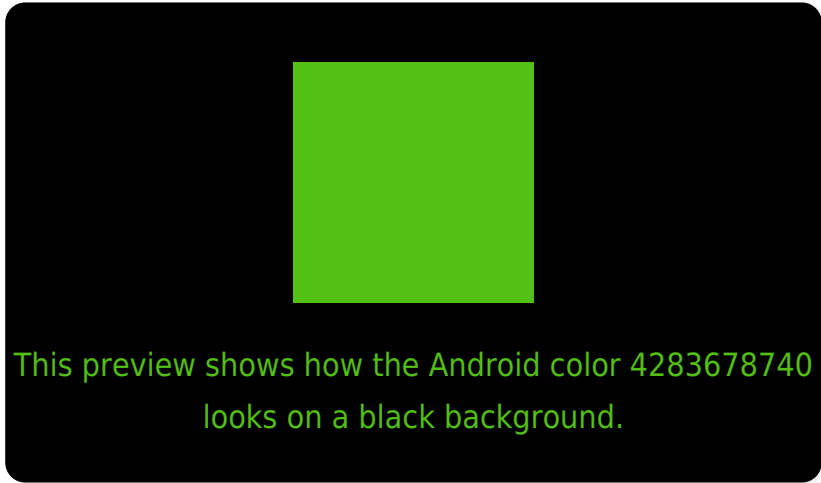
Large Text (above 18pt) WCAG AA × Fail

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 4283678740 Background



This preview shows how black text looks on a background with the Android color 4283678740.



This preview shows how white text looks on a background with the Android color 4283678740.

# 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**

4283678740



**Protanomaly**

4288065804



**Deuteranomaly**

4288981795



**Tritanomaly**

4284856450

# Monochromacy



**Original Color**

4283678740



**Achromatopsia**

4287401100



**Achromatomaly**

4286029664

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283678740 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(83, 192, 20)` looks like.

```
.text, #text, p{  
    color:rgb(83, 192, 20)  
}
```

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(83, 192, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 192, 20) }
```

## Border

The CSS property to change the border of an element to Android 4283678740 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(83, 192, 20) }
```

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

```
.border{ border-color:rgb(83, 192, 20) }
```

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

Here you see how a box with a 4 pixel rgb(83, 192, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 192, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 192, 20);  
box-shadow:4px 4px 4px 4px rgb(83, 192,  
20) }
```

# Background

The CSS property to change the background color of an element to Android 4283678740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 192, 20) }
```

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

```
.background{ background-color: rgb(83, 192,  
20) }
```

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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