

# Converting Colors

Android(4282889050)

Have a look what the booklet for  
Android(4282889050) contains.

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# **Color**

**Android(4282889050)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47B35A
RGB	71, 179, 90
RGB Percent	28%, 70%, 35%
CMY	0.7216, 0.2980, 0.6471
CMYK	0.60, 0.00, 0.50, 0.30
HSL	131°, 43%, 49%
HSV	131°, 60%, 70%
XYZ	20.5641, 34.3180, 15.2131
YIQ	136.5620, -35.7990, -50.5750

# Conversions

## Conversions Part 2

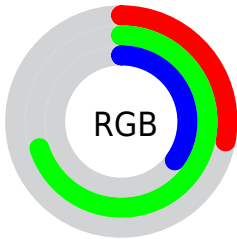
Format	Color
<a href="#">RYB</a>	<a href="#">71, 163, 179</a>
Decimal	<a href="#">4698970</a>
CIELab	<a href="#">65.21, -49.90, 36.24</a>
CIElCh	<a href="#">65, 61.670, 144.006</a>
Yxy	<a href="#">34.3180, 0.2934, 0.4896</a>
Android (android.graphics.Color)	<a href="#">4282889050 (0xFF47B35A)</a>
YUV	<a href="#">136.5620, -22.9551, -57.4979</a>
Hunter-Lab	<a href="#">58.5815, -39.8582, 25.6101</a>

# Details

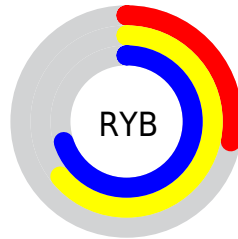
The Android color `4282889050` is a dark color, and the websafe version is hex `66CC66`. A complement of this color would be `4289939360`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4286704782`, and `4278222121` is the 20% darker color. If you saturate the color by 10%, you get `4281709387`, and if you desaturate by 10%, it is `4284068713`.

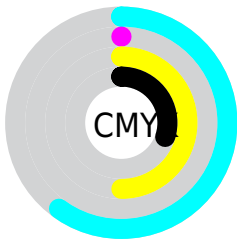
# Distribution



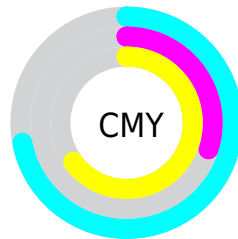
- Red (28%)
- Green (70%)
- Blue (35%)



- Red (28%)
- Yellow (64%)
- Blue (70%)



- Cyan (60%)
- Magenta (0%)
- Yellow (50%)
- Black (30%)



- Cyan (72%)
- Magenta (30%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282889050 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 4282889050 by changing the saturation by 10% instead.



 4282889050

 4282889050

4294967295

 4280653889

 4286704782

 4278222121

 4288610217

 4278215439

 4290510788

 4278209024

 4292411361

 4278203136


 4294377469

 4278196992

 4278190080

 4282889050

 4282889050

 4281709387

 4284068713

 4280529724

 4285248376

 4279350062

 4286428038

 4278235935

 4287607701

 4288787364

 4289901491

 4291081153

 4292260816

 4293440479

# Harmonies

## Analogous

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



4287670575



4282889050



4278237329

# Triad

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



4282889050



4278233343



4294930293

# Complementary

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



4282889050



4289939360

# 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.



4294732972



4282889050



4287337727

# Square

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



4282889050



4278236407



4292312544



4293755461

# Rectangle

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



4282889050



4278237623



4292312544



4294929287



# Sweetspot

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



4282889050



4290701510



4288787271



4284183904



4294309365



4285887861



# Same Dimension

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



4282889050



4282509406



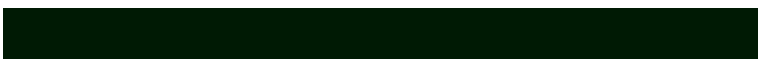
4282889103



4283455826



4278229275



4278196740



# Inverse Universe

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



4289939360



4293411275



4289939307



4284043352



4288217214



4279894037



# Previews

## White Background



This preview shows how the Android color 4282889050 looks on a white background.

## Color Contrast Check

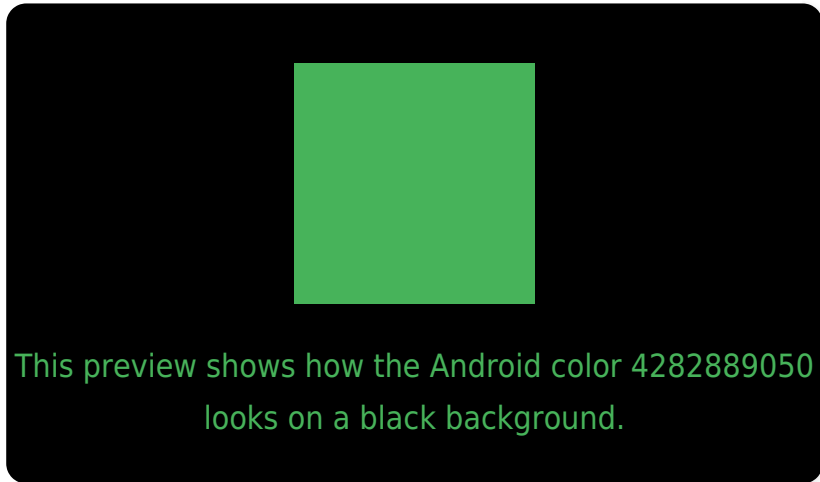
Large Text (above 18pt) WCAG AA × Fail

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 4282889050 Background



This preview shows how black text looks on a background with the Android color 4282889050.



This preview shows how white text looks on a background with the Android color 4282889050.

# 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**  
4282889050

**Protanopia**  
4289568082

**Deuteranopia**  
4290680417



# Trichromacy



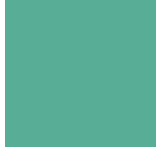
**Original Color**  
4282889050



**Protanomaly**  
4287145301



**Deuteranomaly**  
4287865182



**Tritanomaly**  
4283936149

# Monochromacy



**Original Color**  
4282889050



**Achromatopsia**  
4287203721



**Achromatomaly**  
4285634680

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282889050 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(71, 179, 90)` looks like.

```
.text, #text, p{  
    color:rgb(71, 179, 90)  
}
```

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(71, 179, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 179, 90) }
```

## Border

The CSS property to change the border of an element to Android 4282889050 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(71, 179, 90) }
```

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

```
.border{ border-color:rgb(71, 179, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 179, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 179, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 179, 90);  
box-shadow:4px 4px 4px 4px rgb(71, 179,  
90) }
```

# Background

The CSS property to change the background color of an element to Android 4282889050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 179, 90) }
```

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

```
.background{ background-color: rgb(71, 179,  
90) }
```

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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