

# Converting Colors

Android(4292526917)

Have a look what the booklet for  
Android(4292526917) contains.

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# **Color**

**Android(4292526917)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAC345
RGB	218, 195, 69
RGB Percent	85%, 76%, 27%
CMY	0.1451, 0.2353, 0.7294
CMYK	0.00, 0.11, 0.68, 0.15
HSL	51°, 67%, 56%
HSV	51°, 68%, 85%
XYZ	49.5027, 54.3653, 13.5147
YIQ	187.5130, 54.1540, -34.3100

# Conversions

## Conversions Part 2

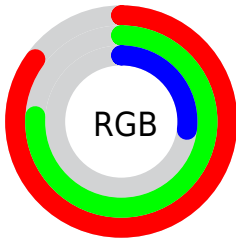
Format	Color
<a href="#">RYB</a>	<a href="#">96, 218, 69</a>
Decimal	<a href="#">14336837</a>
<a href="#">CIELab</a>	<a href="#">78.67, -5.79, 63.47</a>
<a href="#">CIElCh</a>	<a href="#">79, 63.730, 95.216</a>
<a href="#">Yxy</a>	<a href="#">54.3653, 0.4217, 0.4631</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4292526917 (0xFFDAC345)</a>
<a href="#">YUV</a>	<a href="#">187.5130, -58.4269, 26.7371</a>
<a href="#">Hunter-Lab</a>	<a href="#">73.7328, -9.1912, 40.7455</a>

# Details

The Android color **4292526917** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4282735834**, and the grayscale version is **4290559164**.

A 20% lighter version of the original color is **4294966140**, and **4288712192** is the 20% darker color. If you saturate the color by 10%, you get **4292526127**, and if you desaturate by 10%, it is **4292527707**.

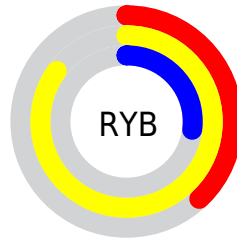
# Distribution



Red (85%)

Green (76%)

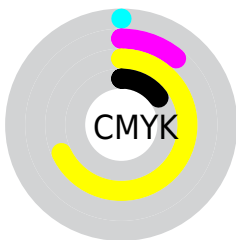
Blue (27%)



Red (38%)

Yellow (85%)

Blue (27%)

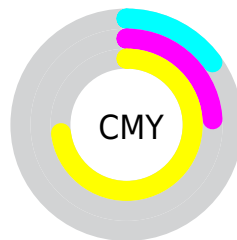


Cyan (0%)

Magenta (11%)

Yellow (68%)

Black (15%)



Cyan (15%)

Magenta (24%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292526917 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 4292526917 by changing the saturation by 10% instead.





4292526917



4292526917

4294967295



4290553896



4294966140



4288712192



4294967191



4286804992



4294967219



4285029376



4294967248



4283188480



4294967277



4281478912



4279900672



4278190080



4292526917



4292526917

■ 4292526127

■ 4292527707

■ 4292525081

■ 4292528753

■ 4292524292

■ 4292529542

■ 4292524032

■ 4292530332

■ 4292531378

■ 4292532168

■ 4292533214

■ 4292534003

■ 4292534783

# Harmonies

## Analogous

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



4294946390



4292526917



4288467805

# Triad

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



4292526917



4278247167



4294940918

# Complementary

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



4292526917



4282735834

# 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.



4292128767



4292526917



4278245119

# Square

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



4292526917



4278247628



4284598015



4294938299

# Rectangle

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



4292526917



4284996220



4284598015



4294942719



# Sweetspot

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



4292526917



4294965193



4292494686



4286610272



4278190080



4286611584



# Same Dimension

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



4292526917



4294958894



4289256005



4285426787



4289565440



4281214720



# Inverse Universe

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



4282735834



4281224959



4286006746



4284703854



4278197165



4278191918



# Previews

## White Background



This preview shows how the Android color 4292526917 looks on a white background.

## Color Contrast Check

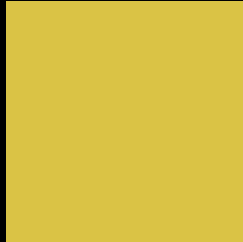
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4292526917 looks on a 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 4292526917 Background



This preview shows how black text looks on a background with the Android color 4292526917.



This preview shows how white text looks on a background with the Android color 4292526917.

# 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**  
4292526917

**Protanopia**  
4292526917

**Deuteranopia**  
4294162760



**Tritanopia**  
4293179077

# Trichromacy



**Original Color**  
4292526917

**Protanomaly**  
4292526917

**Deuteranomaly**  
4293573959

**Tritanomaly**  
4292918166

# Monochromacy



**Original Color**  
4292526917

**Achromatopsia**  
4290559164

**Achromatomaly**  
4291280785

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292526917 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(218, 195, 69)` looks like.

```
.text, #text, p{  
    color:rgb(218, 195, 69)  
}
```

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(218, 195, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 195, 69) }
```

## Border

The CSS property to change the border of an element to Android 4292526917 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(218, 195, 69) }
```

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

```
.border{ border-color:rgb(218, 195, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 195, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 195, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 195, 69);  
box-shadow:4px 4px 4px 4px rgb(218, 195,  
69) }
```

# Background

The CSS property to change the background color of an element to Android 4292526917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 195, 69) }
```

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

```
.background{ background-color: rgb(218,  
195, 69) }
```

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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