

# Converting Colors

Android(4291743297)

Have a look what the booklet for  
Android(4291743297) contains.

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# **Color**

**Android(4291743297)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CECE41
RGB	206, 206, 65
RGB Percent	81%, 81%, 25%
CMY	0.1922, 0.1922, 0.7451
CMYK	0.00, 0.00, 0.68, 0.19
HSL	60°, 59%, 53%
HSV	60°, 68%, 81%
XYZ	48.4790, 57.6461, 13.5727
YIQ	189.9260, 45.2610, -43.8510

# Conversions

## Conversions Part 2

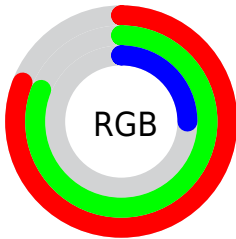
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 206, 65
Decimal	13553217
CIELab	80.54, -16.64, 66.54
CIELCh	81, 68.591, 104.036
Yxy	57.6461, 0.4050, 0.4816
Android (android.graphics.Color)	4291743297 (0xFFCECE41)
YUV	189.9260, -61.5885, 14.0969
Hunter-Lab	75.9250, -18.8944, 42.5485

# Details

The Android color `4291743297` 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 `4282466766`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4294967161`, and `4287928320` is the 20% darker color. If you saturate the color by 10%, you get `4291743276`, and if you desaturate by 10%, it is `4291743318`.

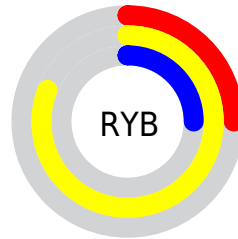
# Distribution



Red (81%)

Green (81%)

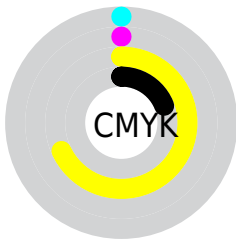
Blue (25%)



Red (25%)

Yellow (81%)

Blue (25%)

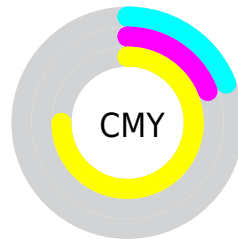


Cyan (0%)

Magenta (0%)

Yellow (68%)

Black (19%)



Cyan (19%)

Magenta (19%)

















Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291743297 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 4291743297 by changing the saturation by 10% instead.



 4291743297	 4291743297
4294967295	 4289835810
 4294967161	 4287928320
 4294967189	 4286086656
 4294967217	 4284310784
 4294967246	 4282535424
 4294967275	 4280825600
	 4279116288
	 4278191104
	 4278190080

■ 4291743297

■ 4291743297

■ 4291743276

■ 4291743318

■ 4291743256

■ 4291743338

■ 4291743235

■ 4291743359

■ 4291743232

■ 4291743379

■ 4291743400

■ 4291743421

■ 4291743441

■ 4291743462

■ 4291743482

# Harmonies

## Analogous

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



4294948935



4291743297



4287028583

# Triad

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



4291743297



4278248703



4294939629

# Complementary

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



4291743297



4282466766

# 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.



4294093567



4291743297



4278245887

# Square

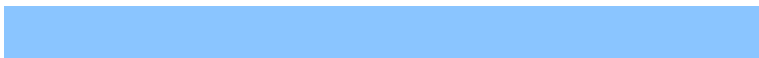
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291743297



4278249445



4287284735



4294938284

# Rectangle

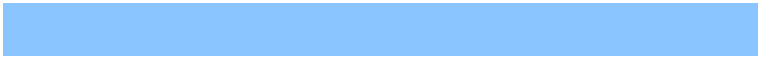
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291743297



4281918349



4287284735



4294941183



# Sweetspot

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



4291743297



4294967241



4291707201



4286611552



4278190080



4286611584



# Same Dimension

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



4291743297



4294967086



4287155777



4284900956



4289111552



4280690176



# Inverse Universe

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



4282466766



4281216767



4287119822



4284243046



4278190246



4278190118



# Previews

## White Background



This preview shows how the Android color 4291743297 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 4291743297 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 4291743297 Background



This preview shows how black text looks on a background with the Android color 4291743297.




This preview shows how white text looks on a background with the Android color 4291743297.

# 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





**Tritanopia**  
4292591824

# Trichromacy



**Original Color**  
4291743297

**Protanomaly**  
4292463168

**Deuteranomaly**  
4293510213

**Tritanomaly**  
4292265372

# Monochromacy



**Original Color**  
4291743297

**Achromatopsia**  
4290690750

**Achromatomaly**  
4291085457

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291743297 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(206, 206, 65)` looks like.

```
.text, #text, p{  
    color:rgb(206, 206, 65)  
}
```

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(206, 206, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 206, 65) }
```

## Border

The CSS property to change the border of an element to Android 4291743297 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(206, 206, 65) }
```

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

```
.border{ border-color:rgb(206, 206, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 206, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 206, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 206, 65);  
box-shadow:4px 4px 4px 4px rgb(206, 206,  
65) }
```

# Background

The CSS property to change the background color of an element to Android 4291743297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 206, 65) }
```

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

```
.background{ background-color: rgb(206,  
206, 65) }
```

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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