

# Converting Colors

Android(4291153712)

Have a look what the booklet for  
Android(4291153712) contains.

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# **Color**

**Android(4291153712)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5CF30
RGB	197, 207, 48
RGB Percent	77%, 81%, 19%
CMY	0.2275, 0.1882, 0.8118
CMYK	0.05, 0.00, 0.77, 0.19
HSL	64°, 62%, 50%
HSV	64°, 77%, 81%
XYZ	45.8723, 56.7094, 11.3246
YIQ	185.8840, 45.0790, -51.5690

# Conversions

## Conversions Part 2

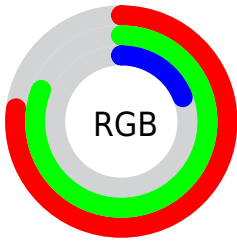
Format	Color
<a href="#">RYB</a>	<a href="#">48, 207, 58</a>
Decimal	<a href="#">12963632</a>
CIELab	<a href="#">80.02, -21.66, 71.49</a>
CIELCh	<a href="#">80, 74.699, 106.857</a>
Yxy	<a href="#">56.7094, 0.4027, 0.4979</a>
Android (android.graphics.Color)	<a href="#">4291153712 (0xFFC5CF30)</a>
YUV	<a href="#">185.8840, -67.9768, 9.7487</a>
Hunter-Lab	<a href="#">75.3056, -23.0519, 43.7978</a>

# Details

The Android color **4291153712** 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 **4282003663**, and the grayscale version is **4290493371**.

A 20% lighter version of the original color is **4294967147**, and **4287338752** is the 20% darker color. If you saturate the color by 10%, you get **4291088155**, and if you desaturate by 10%, it is **4291219269**.

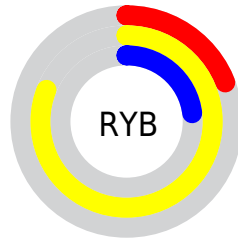
# Distribution



Red (77%)

Green (81%)

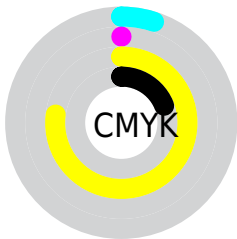
Blue (19%)



Red (19%)

Yellow (81%)

Blue (23%)

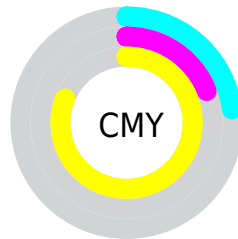


Cyan (5%)

Magenta (0%)

Yellow (77%)

Black (19%)



Cyan (23%)

Magenta (19%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291153712 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 4291153712 by changing the saturation by 10% instead.





4291153712



4291153712

4294967295



4289246208



4294967147



4287338752



4294967175



4285497088



4294967204



4283721216



4294967233



4281880064



4294967262



4280170240



4294967291



4278198784



4278190080



4291153712



4291153712

■ 4291088155

■ 4291219269

■ 4290957063

■ 4291350361

■ 4290957056

■ 4291415918

■ 4291481475

■ 4291612568

■ 4291678124

■ 4291743681

■ 4291809238

■ 4291940330

# Harmonies

## Analogous

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



4294948915



4291153712



4285783649

# Triad

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



4291153712



4278248703



4294937064

# Complementary

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



4291153712



4282003663

# 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.



4294747135



4291153712



4278245375

# Square

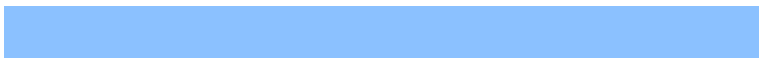
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291153712



4278249709



4287349247



4294936226

# Rectangle

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



4291153712



4278248589



4287349247



4294938879



# Sweetspot

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



4291153712



4294705092



4291770416



4286414940



4278190080



4286611584



# Same Dimension

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



4291153712



4293984020



4286107440



4285032798



4288587776



4280690944



# Inverse Universe

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



4282003663



4280489215



4287049935



4284440169



4278911144



4278386729



# Previews

## White Background



This preview shows how the Android color 4291153712 looks on a white background.

## Color Contrast Check

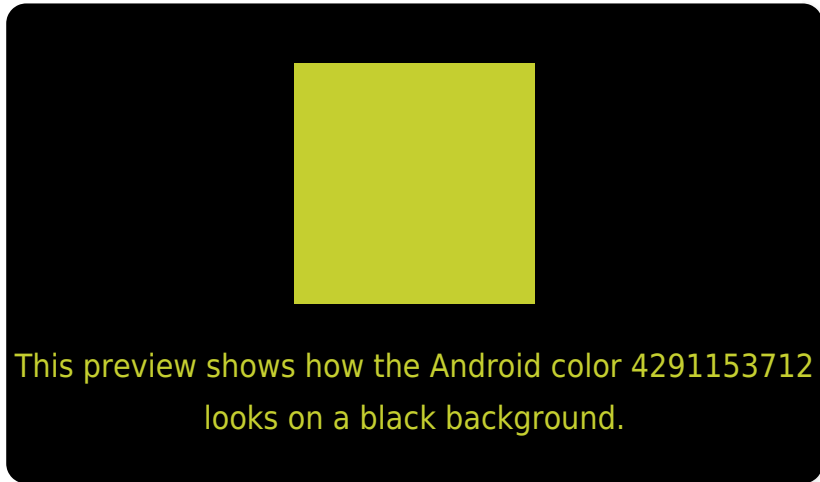
Large Text (above 18pt) WCAG AA × Fail

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 4291153712 Background



This preview shows how black text looks on a background with the Android color 4291153712.



This preview shows how white text looks on a background with the Android color 4291153712.

# 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**  
4292067792

# Trichromacy



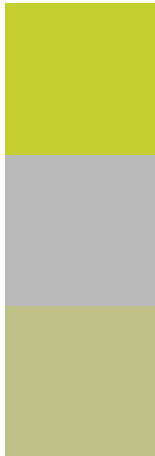
**Original Color**  
4291153712

**Protanomaly**  
4292266543

**Deuteranomaly**  
4293313334

**Tritanomaly**  
4291741334

# Monochromacy



**Original Color**  
4291153712

**Achromatopsia**  
4290427578

**Achromatomaly**  
4290691720

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291153712 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(197, 207, 48)` looks like.

```
.text, #text, p{  
    color:rgb(197, 207, 48)  
}
```

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(197, 207, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 207, 48) }
```

## Border

The CSS property to change the border of an element to Android 4291153712 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(197, 207, 48) }
```

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

```
.border{ border-color:rgb(197, 207, 48) }
```

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

Here you see how a box with a 4 pixel rgb(197, 207, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 207, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 207, 48);  
box-shadow:4px 4px 4px 4px rgb(197, 207,  
48) }
```

# Background

The CSS property to change the background color of an element to Android 4291153712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 207, 48) }
```

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

```
.background{ background-color: rgb(197,  
207, 48) }
```

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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