

# Converting Colors

Android(4291216640)

Have a look what the booklet for  
Android(4291216640) contains.

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# **Color**

**Android(4291216640)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6C500
RGB	198, 197, 0
RGB Percent	78%, 77%, 0%
CMY	0.2235, 0.2275, 1.0000
CMYK	0.00, 0.01, 1.00, 0.22
HSL	60°, 100%, 39%
HSV	60°, 100%, 78%
XYZ	43.2550, 51.9383, 7.7453
YIQ	174.8410, 63.8330, -61.0550

# Conversions

## Conversions Part 2

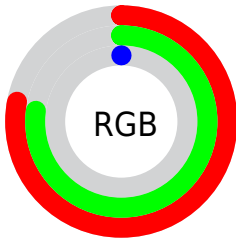
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	1, 198, 0
Decimal	13026560
CIE <sub>Lab</sub>	77.24, -17.32, 77.90
CIE <sub>LCh</sub>	77, 79.799, 102.535
Yxy	51.9383, 0.4202, 0.5046
Android (android.graphics.Color)	4291216640 (0xFFC6C500)
YUV	174.8410, -86.1966, 20.3104
Hunter-Lab	72.0682, -18.9846, 44.0757

# Details

The Android color **4291216640** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **4278190534**, and the grayscale version is **4289769648**.

A 20% lighter version of the original color is **4294966611**, and **4287336448** is the 20% darker color. If you saturate the color by 10%, you get **4291216640**, and if you desaturate by 10%, it is **4291216660**.

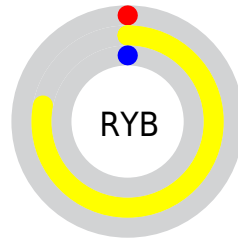
# Distribution



Red (78%)

Green (77%)

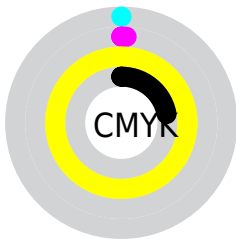
Blue (0%)



Red (0%)

Yellow (78%)

Blue (0%)

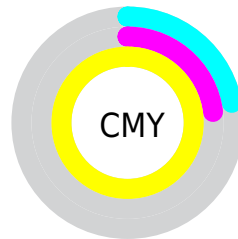


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (22%)



Cyan (22%)

Magenta (23%)


Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291216640 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 4291216640 by changing the saturation by 10% instead.



 4291216640

 4291216640

4294967295

 4289243648

 4294966611

 4287336448

 4294967153

 4285494784

 4294967181

 4283653632

 4294967210

 4281878016


 4294967239


 4280168448

 4294967269


 4278197248


 4278190080

 4291216640


 4291216660


 4291216680

 4291216699

 4291216719

 4291216995

 4291217015

 4291217035

 4291217054

 4291217074

# Harmonies

## Analogous

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



4294945567



4291216640



4285716040

# Triad

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



4291216640



4278247167



4294933997

# Complementary

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



4291216640



4278190534

# 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.



4293500415



4291216640



4278244351

# Square

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



4291216640



4278247901



4283940351



4294931875

# Rectangle

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



4291216640



4278246519



4283940351



4294936319



# Sweetspot

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



4291216640



4294967219



4291166211



4286611282



4278190080



4286611584



# Same Dimension

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



4291216640



4294966784



4284925440



4284703578



4288913920



4280558592



# Inverse Universe

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



4278190534



4278190591



4284481734



4284111459



4278190499



4278190116



# Previews

## White Background



This preview shows how the Android color 4291216640 looks on a white background.

## Color Contrast Check

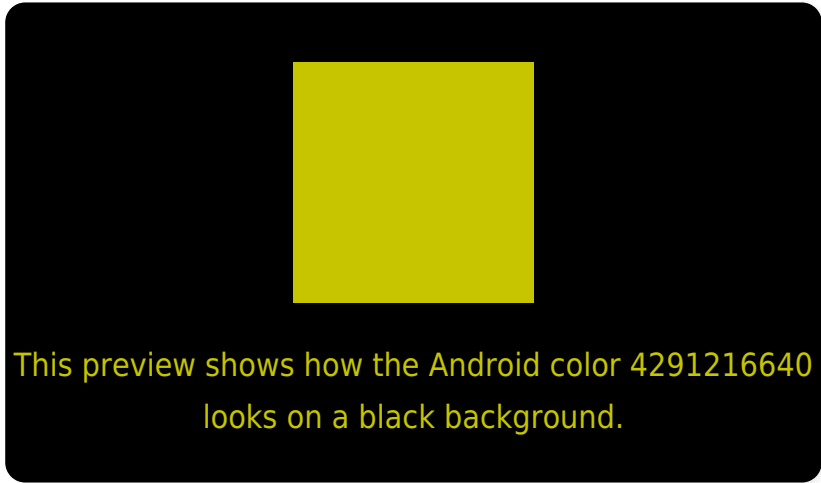
Large Text (above 18pt) WCAG AA × Fail

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 4291216640 Background



This preview shows how black text looks on a background with the Android color 4291216640.



This preview shows how white text looks on a background with the Android color 4291216640.

# 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**  
4291216640

**Deuteranopia**  
4294030622

**Tritanopia**  
4292065221

# Trichromacy



**Original Color**  
4291216640

**Deuteranomaly**  
4292983571

**Tritanomaly**  
4291738749

# Monochromacy



**Original Color**  
4291216640

**Achromatopsia**  
4289703855

**Achromatomaly**  
4290230127

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291216640 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(198, 197, 0)` looks like.

```
.text, #text, p{  
    color:rgb(198, 197, 0)  
}
```

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(198, 197, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 197, 0) }
```

## Border

The CSS property to change the border of an element to Android 4291216640 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(198, 197, 0) }
```

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

```
.border{ border-color:rgb(198, 197, 0) }
```

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

Here you see how a box with a 4 pixel rgb(198, 197, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 197, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 197, 0);  
box-shadow:4px 4px 4px 4px rgb(198, 197,  
0) }
```

# Background

The CSS property to change the background color of an element to Android 4291216640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 197, 0) }
```

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

```
.background{ background-color: rgb(198,  
197, 0) }
```

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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