

# Converting Colors

Android(4291021352)

Have a look what the booklet for  
Android(4291021352) contains.

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# **Color**

**Android(4291021352)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C3CA28
RGB	195, 202, 40
RGB Percent	76%, 79%, 16%
CMY	0.2353, 0.2078, 0.8431
CMYK	0.03, 0.00, 0.80, 0.21
HSL	63°, 67%, 47%
HSV	63°, 80%, 79%
XYZ	44.0092, 53.9964, 10.1103
YIQ	181.4390, 47.8300, -51.8660

# Conversions

## Conversions Part 2

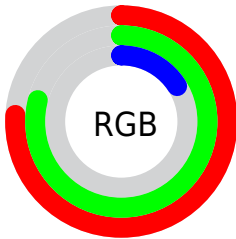
Format	Color
<a href="#">RYB</a>	<a href="#">40, 202, 47</a>
Decimal	<a href="#">12831272</a>
CIELab	<a href="#">78.46, -20.34, 72.30</a>
CIELCh	<a href="#">78, 75.102, 105.711</a>
Yxy	<a href="#">53.9964, 0.4071, 0.4994</a>
Android (android.graphics.Color)	<a href="#">4291021352 (0xFFC3CA28)</a>
YUV	<a href="#">181.4390, -69.7294, 11.8930</a>
Hunter-Lab	<a href="#">73.4822, -21.6885, 43.2799</a>

# Details

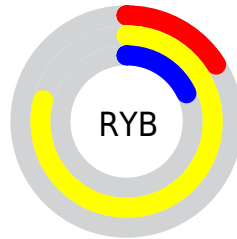
The Android color **4291021352** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted yellow. A complement of this color would be **4281280714**, and the grayscale version is **4290164406**.

A 20% lighter version of the original color is **4294967141**, and **4287206400** is the 20% darker color. If you saturate the color by 10%, you get **4290955796**, and if you desaturate by 10%, it is **4291086908**.

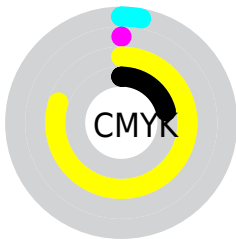
# Distribution



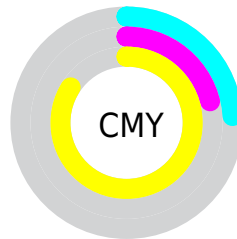
- Red (76%)
- Green (79%)
- Blue (16%)



- Red (16%)
- Yellow (79%)
- Blue (18%)



- Cyan (3%)
- Magenta (0%)
- Yellow (80%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291021352 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 4291021352 by changing the saturation by 10% instead.





4291021352



4291021352

4294967295



4289113856



4294967141



4287206400



4294967169



4285364992



4294967198



4283589120



4294967226



4281747968



4294967255



4280038144



4294967285



4278198016



4278190080



4291021352



4291021352

■ 4290955796

■ 4291086908

■ 4290890240

■ 4291152464

■ 4291218021

■ 4291218041

■ 4291283597

■ 4291349153

■ 4291414709

■ 4291480266

■ 4291545822

# Harmonies

## Analogous

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



4294947630



4291021352



4285651290

# Triad

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



4291021352



4278247423



4294935783

# Complementary

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



4291021352



4281280714

# 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.



4294221823



4291021352



4278244351

# Square

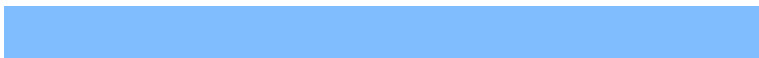
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291021352



4278248422



4286561791



4294934688

# Rectangle

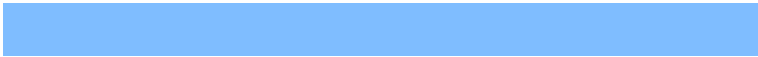
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291021352



4278247302



4286561791



4294937853



# Sweetspot

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



4291021352



4294770626



4291439912



4286480475



4278190080



4286611584



# Same Dimension

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



4291021352



4294246154



4285844008



4284900956



4288652800



4280624640



# Inverse Universe

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



4281280714



4279569151



4286458058



4284243046



4278648998



4278321190



# Previews

## White Background



This preview shows how the Android color 4291021352 looks on a white background.

## Color Contrast Check

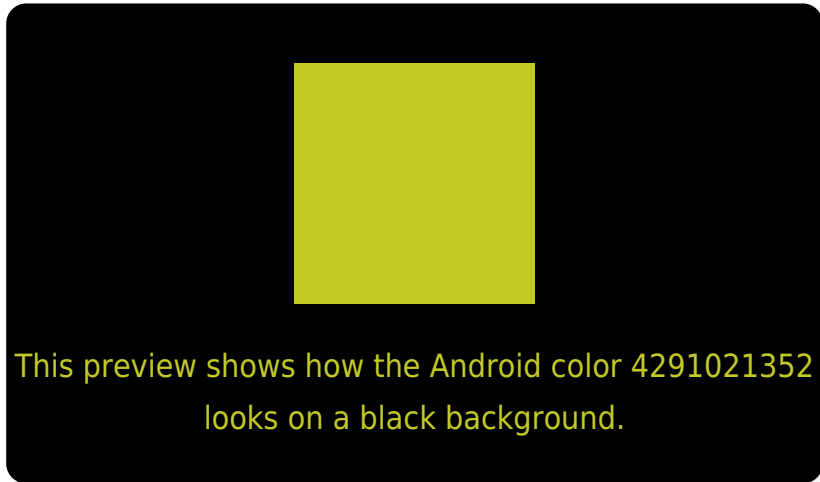
Large Text (above 18pt) WCAG AA × Fail

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 4291021352 Background



This preview shows how black text looks on a background with the Android color 4291021352.




This preview shows how white text looks on a background with the Android color 4291021352.

# 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**  
4291935435

# Trichromacy



**Original Color**  
4291021352

**Protanomaly**  
4292003111

**Deuteranomaly**  
4293050158

**Tritanomaly**  
4291608976

# Monochromacy



**Original Color**  
4291021352

**Achromatopsia**  
4290098613

**Achromatomaly**  
4290428290

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291021352 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(195, 202, 40)` looks like.

```
.text, #text, p{  
    color:rgb(195, 202, 40)  
}
```

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(195, 202, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 202, 40) }
```

## Border

The CSS property to change the border of an element to Android 4291021352 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(195, 202, 40) }
```

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

```
.border{ border-color:rgb(195, 202, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 202, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 202, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 202, 40);  
box-shadow:4px 4px 4px 4px rgb(195, 202,  
40) }
```

# Background

The CSS property to change the background color of an element to Android 4291021352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 202, 40) }
```

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

```
.background{ background-color: rgb(195,  
202, 40) }
```

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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