

# Converting Colors

Android(4292660021)

Have a look what the booklet for  
Android(4292660021) contains.

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# **Color**

**Android(4292660021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCCB35
RGB	220, 203, 53
RGB Percent	86%, 80%, 21%
CMY	0.1373, 0.2039, 0.7922
CMYK	0.00, 0.08, 0.76, 0.14
HSL	54°, 70%, 54%
HSV	54°, 76%, 86%
XYZ	51.5137, 58.1846, 11.8838
YIQ	190.9830, 58.2820, -43.0460

# Conversions

## Conversions Part 2

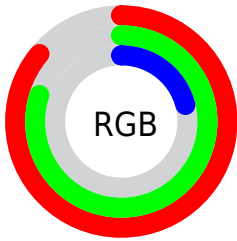
Format	Color
<b>RYB</b>	72, 220, 53
Decimal	14469941
CIELab	80.84, -9.76, 71.39
CIELCh	81, 72.053, 97.784
Yxy	58.1846, 0.4237, 0.4786
Android (android.graphics.Color)	4292660021 (0xFFDCCB35)
YUV	190.9830, -68.0256, 25.4479
Hunter-Lab	76.2788, -12.9406, 44.1581

# Details

The Android color `4292660021` 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 `4281681628`, and the grayscale version is `4290822336`.

A 20% lighter version of the original color is `4294967151`, and `4288779520` is the 20% darker color. If you saturate the color by 10%, you get `4292659487`, and if you desaturate by 10%, it is `4292660555`.

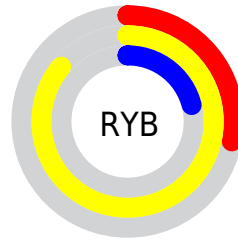
# Distribution



Red (86%)

Green (80%)

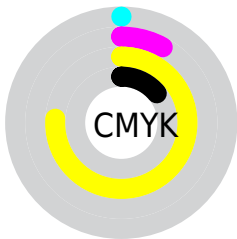
Blue (21%)



Red (28%)

Yellow (86%)

Blue (21%)

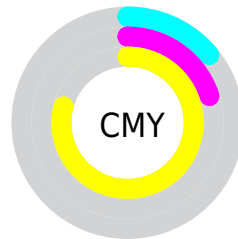


Cyan (0%)

Magenta (8%)

Yellow (76%)

Black (14%)



Cyan (14%)

Magenta (20%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292660021 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 4292660021 by changing the saturation by 10% instead.





4292660021



4292660021

4294967295



4290686989



4294967151



4288779520



4294967179



4286872576



4294967207



4285096704



4294967236



4283255552



4294967265



4281480448



4279902208



4278191616



4278190080

■ 4292660021

■ 4292660021

■ 4292659487

■ 4292660555

■ 4292658953

■ 4292661089

■ 4292658688

■ 4292661879

■ 4292662413

■ 4292662947

■ 4292663481

■ 4292664271

■ 4292664805

■ 4292665339

# Harmonies

## Analogous

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



4294947655



4292660021



4287945815

# Triad

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



4292660021



4278249471



4294939901

# Complementary

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



4292660021



4281681628

# 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.



4293111807



4292660021



4278246911

# Square

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



4292660021



4278249945



4284271359



4294937274

# Rectangle

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



4292660021



4283425661



4284271359



4294941951



# Sweetspot

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



4292660021



4294965700



4292621640



4286610524



4278190080



4286611584



# Same Dimension

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



4292660021



4294960919



4288470069



4285427043



4289567744



4281215232



# Inverse Universe

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



4281681628



4279709695



4285871580



4284703854



4278194861



4278191406



# Previews

## White Background



This preview shows how the Android color 4292660021 looks on a white background.

## Color Contrast Check

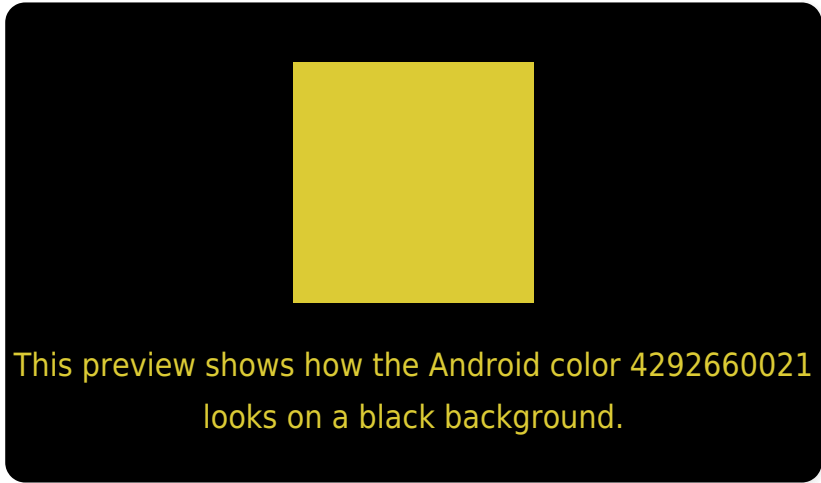
Large Text (above 18pt) WCAG AA × Fail

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 4292660021 Background



This preview shows how black text looks on a background with the Android color 4292660021.



This preview shows how white text looks on a background with the Android color 4292660021.

# 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**  
4292660021

**Protanopia**  
4292987189

**Deuteranopia**  
4294753850



# Trichromacy



**Original Color**  
4292660021

**Protanomaly**  
4292856373

**Deuteranomaly**  
4293968696

**Tritanomaly**  
4293182101

# Monochromacy



**Original Color**  
4292660021

**Achromatopsia**  
4290756543

**Achromatomaly**  
4291478413

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292660021 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(220, 203, 53)` looks like.

```
.text, #text, p{  
    color:rgb(220, 203, 53)  
}
```

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(220, 203, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 203, 53) }
```

## Border

The CSS property to change the border of an element to Android 4292660021 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(220, 203, 53) }
```

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

```
.border{ border-color:rgb(220, 203, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 203, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 203, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 203, 53);  
box-shadow:4px 4px 4px 4px rgb(220, 203,  
53) }
```

# Background

The CSS property to change the background color of an element to Android 4292660021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 203, 53) }
```

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

```
.background{ background-color: rgb(220,  
203, 53) }
```

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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