

Converting Colors

Android(4291674663)

Have a look what the booklet for
Android(4291674663) contains.

Android(4291674663)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4291674663)

Conversions

Conversions Part 1

Format	Color
Hex	CDC227
RGB	205, 194, 39
RGB Percent	80%, 76%, 15%
CMY	0.1961, 0.2392, 0.8471
CMYK	0.00, 0.05, 0.81, 0.20
HSL	56°, 68%, 48%
HSV	56°, 81%, 80%
XYZ	44.8348, 51.7092, 9.5373
YIQ	179.6190, 56.3110, -45.8730

Conversions

Conversions Part 2

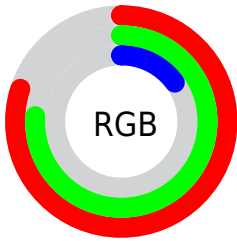
Format	Color
RYB	51, 205, 39
Decimal	13484583
CIELab	77.11, -12.10, 71.71
CIElCh	77, 72.721, 99.579
Yxy	51.7092, 0.4226, 0.4874
Android (android.graphics.Color)	4291674663 (0xFFCDC227)
YUV	179.6190, -69.3252, 22.2591
Hunter-Lab	71.9091, -14.5474, 42.4728

Details

The Android color **4291674663** 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 **4280758989**, and the grayscale version is **4290032820**.

A 20% lighter version of the original color is **4294965859**, and **4287859968** is the 20% darker color. If you saturate the color by 10%, you get **4291674387**, and if you desaturate by 10%, it is **4291674940**.

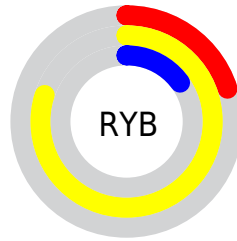
Distribution



Red (80%)

Green (76%)

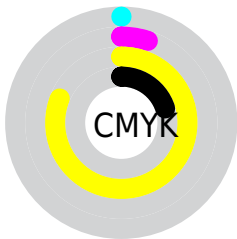
Blue (15%)



Red (20%)

Yellow (80%)

Blue (15%)

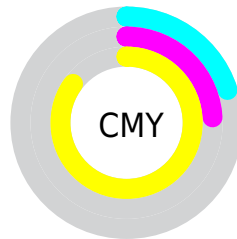


Cyan (0%)

Magenta (5%)

Yellow (81%)

Black (20%)



Cyan (20%)

Magenta (24%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291674663 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 4291674663 by changing the saturation by 10% instead.



4291674663



4291674663

4294967295



4289767168



4294965859



4287859968



4294967168



4285952768



4294967196



4284177152



4294967224



4282336256



4294967253



4280692224



4294967283



4278721024




4278190080





4291674663




4291674663


 4291674387


 4291674940


 4291673856


 4291675472


 4291675749


 4291676025

 4291676558

 4291676834

 4291677367

 4291677643

 4291677920

Harmonies

Analogous

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



4294945337



4291674663



4286894671

Triad

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



4291674663



4278246655



4294936559

Complementary

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



4291674663



4280758989

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.



4292715519



4291674663



4278244095

Square

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



4291674663



4278247379



4283940863



4294934187

Rectangle

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



4291674663



4281588087



4283940863



4294938879

Sweetspot

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



4291674663



4294966210



4291634994



4286610779



4278190080



4286611584

Same Dimension

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



4291674663



4294962952



4286958887



4284900700



4289108736



4280689664

Inverse Universe

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



4280758989



4278720767



4285474765



4284243046



4278193062



4278190886

Previews

White Background



This preview shows how the Android color 4291674663 looks on a white background.

Color Contrast Check

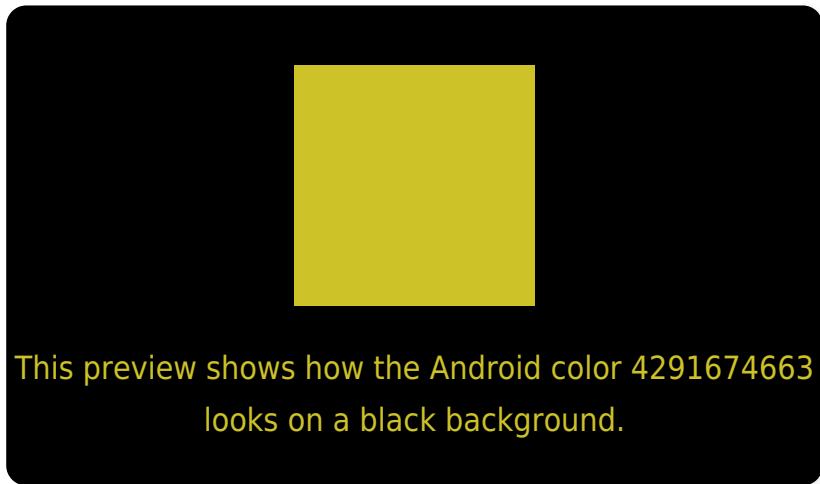
Large Text (above 18pt) WCAG AA × Fail

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 4291674663 Background



This preview shows how black text looks on a background with the Android color 4291674663.



This preview shows how white text looks on a background with the Android color 4291674663.

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
4291674663

Protanopia
4292263718

Deuteranopia
4293899566



Tritanopia
4292457923

Trichromacy



Original Color
4291674663

Protanomaly
4292067366

Deuteranomaly
4293114411

Tritanomaly
4292197002

Monochromacy



Original Color
4291674663

Achromatopsia
4290032820

Achromatomaly
4290623873

CSS Examples

Text

The CSS property to change the color of the text to Android 4291674663 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(205, 194, 39)` looks like.

```
.text, #text, p{  
    color:rgb(205, 194, 39)  
}
```

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(205, 194, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 194, 39) }
```

Border

The CSS property to change the border of an element to Android 4291674663 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(205, 194, 39) }
```

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

```
.border{ border-color:rgb(205, 194, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 194, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 194, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 194, 39);  
box-shadow:4px 4px 4px 4px rgb(205, 194,  
39) }
```

Background

The CSS property to change the background color of an element to Android 4291674663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 194, 39) }
```

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

```
.background{ background-color: rgb(205,  
194, 39) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor