

Converting Colors

Android(4294957619)

Have a look what the booklet for
Android(4294957619) contains.

Android(4294957619)	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(4294957619)

Conversions

Conversions Part 1

Format	Color
Hex	FFDA33
RGB	255, 218, 51
RGB Percent	100%, 85%, 20%
CMY	0.0000, 0.1451, 0.8000
CMYK	0.00, 0.15, 0.80, 0.00
HSL	49°, 100%, 60%
HSV	49°, 80%, 100%
XYZ	66.9089, 71.6418, 13.4337
YIQ	210.0250, 75.6590, -44.0930

Conversions

Conversions Part 2

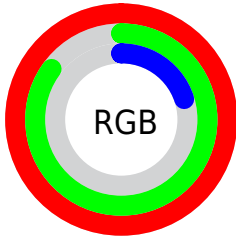
Format	Color
R _Y B	96, 255, 51
Decimal	16767539
CIE Lab	87.80, -2.61, 79.39
CIE LCh	88, 79.436, 91.882
Yxy	71.6418, 0.4402, 0.4714
Android (android.graphics.Color)	4294957619 (0xFFFFDA33)
YUV	210.0250, -78.3993, 39.4431
Hunter-Lab	84.6415, -7.0187, 49.8389

Details

The Android color **4294957619** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4281555199**, and the grayscale version is **4292072403**.

A 20% lighter version of the original color is **4294967152**, and **4290946048** is the 20% darker color. If you saturate the color by 10%, you get **4294956313**, and if you desaturate by 10%, it is **4294958925**.

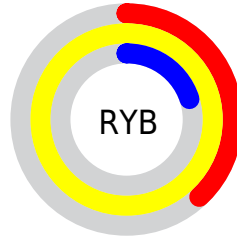
Distribution



Red (100%)

Green (85%)

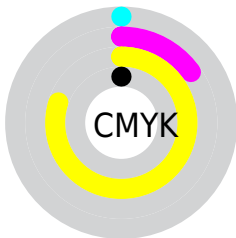
Blue (20%)



Red (38%)

Yellow (100%)

Blue (20%)

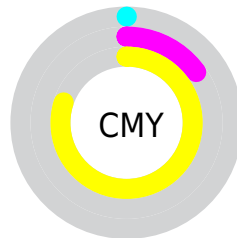


Cyan (0%)

Magenta (15%)

Yellow (80%)

Black (0%)



Cyan (0%)

















Magenta (15%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294957619 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 4294957619 by changing the saturation by 10% instead.

 4294957619	 4294957619
4294967295	 4292918784
 4294967152	 4290946048
 4294967181	 4288973312
 4294967210	 4287066112
 4294967239	 4285159424
 4294967268	 4283318528
	 4281609216
	 4279965696
	 4278190080

■ 4294957619

■ 4294957619

■ 4294956313

■ 4294958925

■ 4294955264

■ 4294959974

■ 4294961280

■ 4294962585

■ 4294963635

■ 4294964940

■ 4294965990

4294967295

Harmonies

Analogous

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



4294950228



4294957619



4289916753

Triad

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



4294957619



4278255615



4294944511

Complementary

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



4294957619



4281555199

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.



4293117695



4294957619



4278253311

Square

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



4294957619



4278255583



4278248447



4294939867

Rectangle

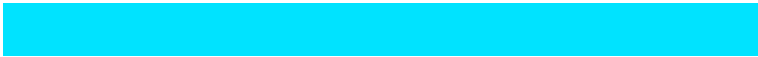
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294957619



4285462650



4278248447



4294947071

Sweetspot

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



4294957619



4294964418



4294914904



4286609755



4278190080



4286611584

Same Dimension

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



4294957619



4294955786



4290707251



4286610803



4290747648



4282397696

Inverse Universe

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



4281555199



4278859775



4285805567



4285756800



4278199231



4278193216

Previews

White Background



This preview shows how the Android color 4294957619 looks on a white background.

Color Contrast Check

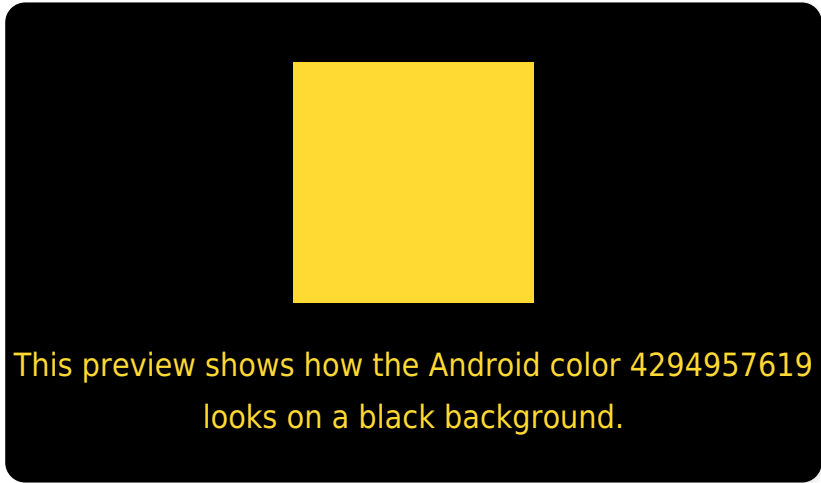
Large Text (above 18pt) WCAG AA × Fail

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 4294957619 Background



This preview shows how black text looks on a background with the Android color 4294957619.



This preview shows how white text looks on a background with the Android color 4294957619.

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
4294957619

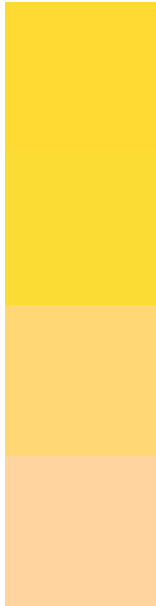
Protanopia
4294499636

Deuteranopia
4294956697



Tritanopia
4294955227

Trichromacy



Original Color
4294957619

Protanomaly
4294695988

Deuteranomaly
4294956916

Tritanomaly
4294956190

Monochromacy



Original Color
4294957619

Achromatopsia
4292006610

Achromatomaly
4293055896

CSS Examples

Text

The CSS property to change the color of the text to Android 4294957619 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(255, 218, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 51)  
}
```

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(255, 218, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 51) }
```

Border

The CSS property to change the border of an element to Android 4294957619 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(255, 218, 51) }
```

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

```
.border{ border-color:rgb(255, 218, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
51) }
```

Background

The CSS property to change the background color of an element to Android 4294957619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 51) }
```

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

```
.background{ background-color: rgb(255,  
218, 51) }
```

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