

Converting Colors

Android(4294821683)

Have a look what the booklet for
Android(4294821683) contains.

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Color

Android(4294821683)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FDC733 |
| RGB | 253, 199, 51 |
| RGB Percent | 99%, 78%, 20% |
| CMY | 0.0078, 0.2196, 0.8000 |
| CMYK | 0.00, 0.21, 0.80, 0.01 |
| HSL | 44°, 98%, 60% |
| HSV | 44°, 80%, 99% |
| XYZ | 61.5290, 61.9685, 11.8502 |
| YIQ | 198.2740, 79.6920, -34.5800 |

Conversions

Conversions Part 2

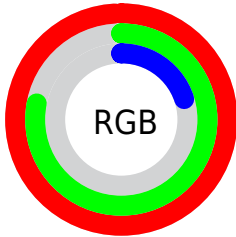
| Format | Color |
|-------------------------------------|---|
| RYB | 125, 253, 51 |
| Decimal | 16631603 |
| CIELab | 82.90, 6.25, 75.02 |
| CIELCh | 83, 75.283, 85.236 |
| Yxy | 61.9685, 0.4546, 0.4578 |
| Android (android.graphics.Color) | 4294821683 (0xFFFFDC733) |
| YUV | 198.2740, -72.6061, 47.9947 |
| Hunter-Lab | 78.7201, 1.7585, 46.1788 |

Details

The Android color **4294821683** 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 **4281559549**, and the grayscale version is **4291282887**.

A 20% lighter version of the original color is **4294967150**, and **4290810368** is the 20% darker color. If you saturate the color by 10%, you get **4294819866**, and if you desaturate by 10%, it is **4294823500**.

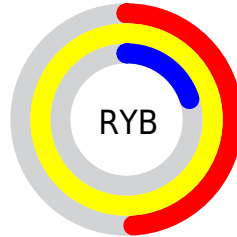
Distribution



Red (99%)

Green (78%)

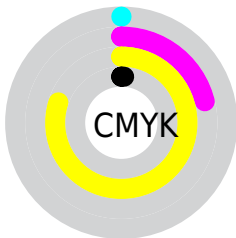
Blue (20%)



Red (49%)

Yellow (99%)

Blue (20%)

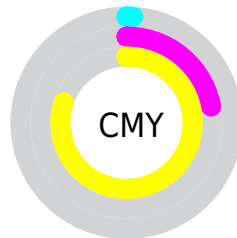


Cyan (0%)

Magenta (21%)

Yellow (80%)

Black (1%)



Cyan (1%)

















Magenta (22%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294821683 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 4294821683 by changing the saturation by 10% instead.

| | |
|--|--|
|  4294821683 |  4294821683 |
| 4294967295 |  4292783111 |
|  4294967150 |  4290810368 |
|  4294967178 |  4288837632 |
|  4294967206 |  4286865408 |
|  4294967235 |  4284958720 |
|  4294967264 |  4283183616 |
| 4294967294 |  4281474304 |
| |  4279829760 |
| |  4278190080 |

4294821683

4294821683

4294819866

4294823500

4294818048

4294825318

4294826879

4294828696

4294830514

4294832331

4294833892

4294835709

4294836223

Harmonies

Analogous

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



4294945626



4294821683



4290370626

Triad

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



4294821683



4278251775



4294943487

Complementary

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



4294821683



4281559549

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.



4290494719



4294821683



4278249983

Square

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



4294821683



4278251712



4278246143



4294938077

Rectangle

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



4294821683



4286637669



4278246143



4294946047

Sweetspot

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



4294821683



4294963138



4294783852



4286608987



4278190080



4286611584

Same Dimension

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



4294821683



4294950410



4291951923



4286610547



4290743296



4282396416

Inverse Universe

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



4281559549



4278865151



4284429309



4285757056



4278203327



4278194496

Previews

White Background



This preview shows how the Android color 4294821683 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



This preview shows how the Android color 4294821683 looks on a 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 4294821683 Background



This preview shows how black text looks on a background with the Android color 4294821683.



This preview shows how white text looks on a background with the Android color 4294821683.

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
4294821683

Protanopia
4293447477

Deuteranopia
4294952278



Tritanopia
4294950345

Trichromacy



Original Color
4294821683

Protanomaly
4293970996

Deuteranomaly
4294886985

Tritanomaly
4294885778

Monochromacy



Original Color
4294821683

Achromatopsia
4291217094

Achromatomaly
4292527761

CSS Examples

Text

The CSS property to change the color of the text to Android 4294821683 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(253, 199, 51)` looks like.

```
.text, #text, p{  
    color:rgb(253, 199, 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(253, 199, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 199, 51) }
```

Border

The CSS property to change the border of an element to Android 4294821683 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(253, 199, 51) }
```

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

```
.border{ border-color:rgb(253, 199, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 199, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 199, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 199, 51);  
box-shadow:4px 4px 4px 4px rgb(253, 199,  
51) }
```

Background

The CSS property to change the background color of an element to Android 4294821683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 199, 51) }
```

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

```
.background{ background-color: rgb(253,  
199, 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](#).

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