

Converting Colors

Android(4294099968)

Have a look what the booklet for
Android(4294099968) contains.

Android(4294099968)	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(4294099968)

Conversions

Conversions Part 1

Format	Color
Hex	F2C400
RGB	242, 196, 0
RGB Percent	95%, 77%, 0%
CMY	0.0510, 0.2314, 1.0000
CMYK	0.00, 0.19, 1.00, 0.05
HSL	49°, 100%, 47%
HSV	49°, 100%, 95%
XYZ	56.3579, 58.3571, 8.2937
YIQ	187.4100, 90.3320, -51.2040

Conversions

Conversions Part 2

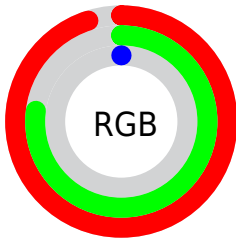
Format	Color
R_{YB}	57, 242, 0
Decimal	15909888
CIE _{Lab}	80.94, 2.23, 82.35
CIE _{LCh}	81, 82.383, 88.452
Yxy	58.3571, 0.4582, 0.4744
Android (android.graphics.Color)	4294099968 (0xFFFF2C400)
YUV	187.4100, -92.3931, 47.8754
Hunter-Lab	76.3918, -1.9977, 47.0373

Details

The Android color **4294099968** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **4278202098**, and the grayscale version is **4290559164**.

A 20% lighter version of the original color is **4294966357**, and **4290088704** is the 20% darker color. If you saturate the color by 10%, you get **4294099968**, and if you desaturate by 10%, it is **4294101272**.

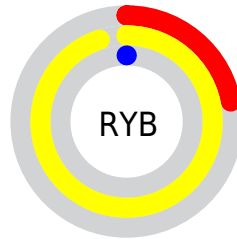
Distribution



Red (95%)

Green (77%)

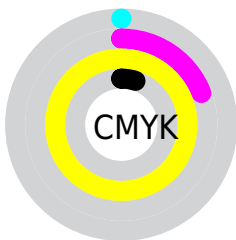
Blue (0%)



Red (22%)

Yellow (95%)

Blue (0%)

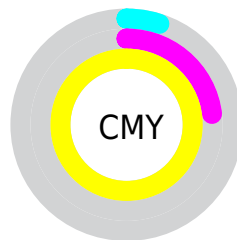


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4294099968 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 4294099968 by changing the saturation by 10% instead.



4294099968



4294099968

4294967295



4292061440



4294966357



4290088704



4294967154



4288115968



4294967183



4286143744



4294967212



4284302848



4294967241



4282527744



4294967271



4280818432



4278911488



4278190080

 4294099968

 4294101272

 4294102320

 4294103625

 4294104673

 4294105977

 4294107281

 4294108329

 4294109634

 4294110682

Harmonies

Analogous

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



4294944065



4294099968



4289124909

Triad

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



4294099968



4278250751



4294939647

Complementary

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



4294099968



4278202098

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.



4290754303



4294099968



4278248959

Square

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



4294099968



4278250690



4278244351



4294933712

Rectangle

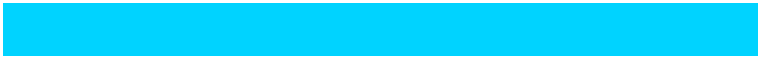
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294099968



4284605275



4278244351



4294942463

Sweetspot

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



4294099968



4294963379



4294049840



4286609234



4278190080



4286611584

Same Dimension

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



4294099968



4294954752



4289327616



4286084716



4290286848



4281871616

Inverse Universe

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



4278202098



4278202623



4282974450



4285296248



4278199224



4278192952

Previews

White Background



This preview shows how the Android color 4294099968 looks on a white background.

Color Contrast Check

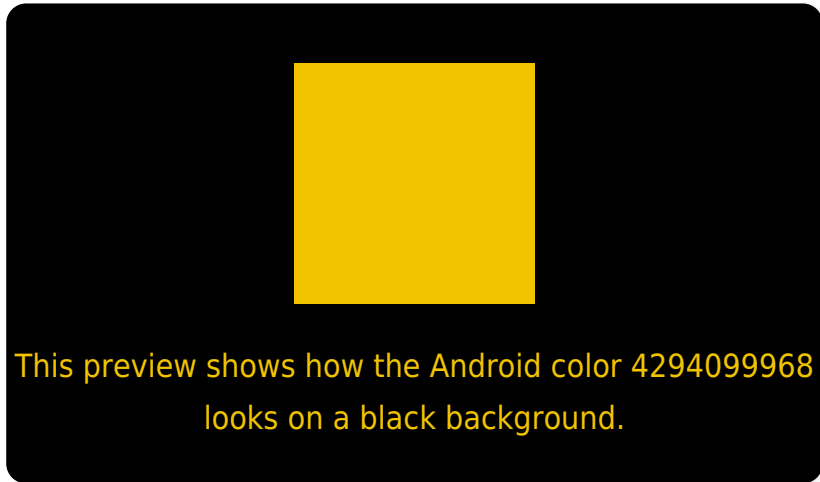
Large Text (above 18pt) WCAG AA × Fail

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 4294099968 Background



This preview shows how black text looks on a background with the Android color 4294099968.



This preview shows how white text looks on a background with the Android color 4294099968.

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
4294099968

Protanopia
4293118474

Deuteranopia
4294885138



Tritanopia
4294751940

Trichromacy



Original Color
4294099968

Protanomaly
4293445638

Deuteranomaly
4294623499

Tritanomaly
4294491005

Monochromacy



Original Color
4294099968

Achromatopsia
4290493371

Achromatomaly
4291804791

CSS Examples

Text

The CSS property to change the color of the text to Android 4294099968 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(242, 196, 0)` looks like.

```
.text, #text, p{  
    color:rgb(242, 196, 0)  
}
```

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(242, 196, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 196, 0) }
```

Border

The CSS property to change the border of an element to Android 4294099968 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(242, 196, 0) }
```

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

```
.border{ border-color:rgb(242, 196, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 196, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 196, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 196, 0);  
box-shadow:4px 4px 4px 4px rgb(242, 196,  
0) }
```

Background

The CSS property to change the background color of an element to Android 4294099968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 196, 0) }
```

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

```
.background{ background-color: rgb(242,  
196, 0) }
```

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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