

# Converting Colors

Android(4294168895)

Have a look what the booklet for  
Android(4294168895) contains.

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# **Color**

**Android(4294168895)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3D13F
RGB	243, 209, 63
RGB Percent	95%, 82%, 25%
CMY	0.0471, 0.1804, 0.7529
CMYK	0.00, 0.14, 0.74, 0.05
HSL	49°, 88%, 60%
HSV	49°, 74%, 95%
XYZ	60.6598, 65.0145, 14.0546
YIQ	202.5220, 67.1300, -38.1980

# Conversions

## Conversions Part 2

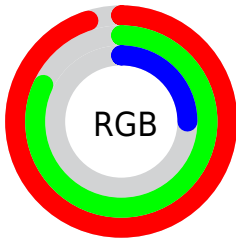
Format	Color
<a href="#">RYB</a>	<a href="#">105, 243, 63</a>
Decimal	<a href="#">15978815</a>
<a href="#">CIELab</a>	<a href="#">84.49, -2.67, 72.18</a>
<a href="#">CIElCh</a>	<a href="#">84, 72.234, 92.116</a>
<a href="#">Yxy</a>	<a href="#">65.0145, 0.4341, 0.4653</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294168895 (0xFFFF3D13F)</a>
<a href="#">YUV</a>	<a href="#">202.5220, -68.7843, 35.4992</a>
<a href="#">Hunter-Lab</a>	<a href="#">80.6316, -6.8182, 46.1075</a>

# Details

The Android color `4294168895` 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 `4282343923`, and the grayscale version is `4291546059`.

A 20% lighter version of the original color is `4294967160`, and `4290222848` is the 20% darker color. If you saturate the color by 10%, you get `4294167591`, and if you desaturate by 10%, it is `4294170199`.

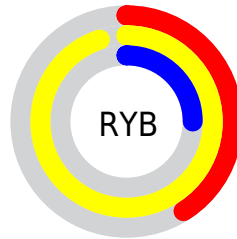
# Distribution



Red (95%)

Green (82%)

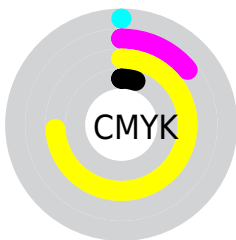
Blue (25%)



Red (41%)

Yellow (95%)

Blue (25%)

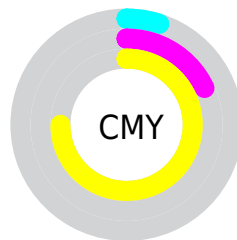


Cyan (0%)

Magenta (14%)

Yellow (74%)

Black (5%)



Cyan (5%)

Magenta (18%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294168895 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 4294168895 by changing the saturation by 10% instead.





4294168895



4294168895

4294967295



4292195869



4294967160



4290222848



4294967188



4288250112



4294967217



4286408704



4294967245



4284502272



4294967275



4282726912



4281083136



4279308288



4278190080

■ 4294168895

■ 4294168895

■ 4294167591

■ 4294170199

■ 4294166542

■ 4294171248

■ 4294165760

■ 4294172552

■ 4294173600

■ 4294174904

■ 4294176209

■ 4294177257

■ 4294178559

■ 4294179583

# Harmonies

## Analogous

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



4294948953



4294168895



4289651799

# Triad

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



4294168895



4278252543



4294943743

# Complementary

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



4294168895



4282343923

# 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.



4292591615



4294168895



4278250239

# Square

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



4294168895



4278252758



4281784831



4294939857

# Rectangle

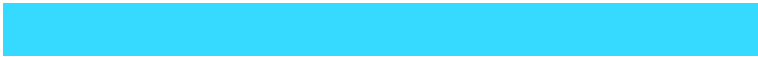
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294168895



4285656187



4281784831



4294946047



# Sweetspot

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



4294168895



4294964423



4294131555



4286609758



4278190080



4286611584



# Same Dimension

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



4294168895



4294956060



4290638655



4286216302



4290418432



4282068992



# Inverse Universe

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



4282343923



4280043519



4285874163



4285427834



4278199226



4278192955



# Previews

## White Background



This preview shows how the Android color 4294168895 looks on a white background.

## Color Contrast Check

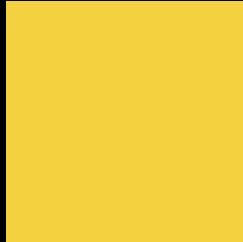
Large Text (above 18pt) WCAG AA × Fail

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 4294168895 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 4294168895 Background



This preview shows how black text looks on a background with the Android color 4294168895.



This preview shows how white text looks on a background with the Android color 4294168895.

# 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**  
4294168895

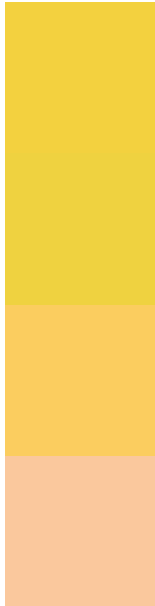
**Protanopia**  
4293710656

**Deuteranopia**  
4294953586



**Tritanopia**  
4294886354

# Trichromacy



**Original Color**  
4294168895

**Protanomaly**  
4293907008

**Deuteranomaly**  
4294692191

**Tritanomaly**  
4294625437

# Monochromacy



**Original Color**  
4294168895

**Achromatopsia**  
4291546059

**Achromatomaly**  
4292529560

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294168895 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(243, 209, 63)` looks like.

```
.text, #text, p{  
    color:rgb(243, 209, 63)  
}
```

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(243, 209, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 209, 63) }
```

## Border

The CSS property to change the border of an element to Android 4294168895 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(243, 209, 63) }
```

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

```
.border{ border-color:rgb(243, 209, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 209, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 209, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 209, 63);  
box-shadow:4px 4px 4px 4px rgb(243, 209,  
63) }
```

# Background

The CSS property to change the background color of an element to Android 4294168895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 209, 63) }
```

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

```
.background{ background-color: rgb(243,  
209, 63) }
```

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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