

# Converting Colors

Android(4294629728)

Have a look what the booklet for  
Android(4294629728) contains.

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# **Color**

**Android(4294629728)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAD960
RGB	250, 217, 96
RGB Percent	98%, 85%, 38%
CMY	0.0196, 0.1490, 0.6235
CMYK	0.00, 0.13, 0.62, 0.02
HSL	47°, 94%, 68%
HSV	47°, 62%, 98%
XYZ	66.3485, 70.7942, 21.2340
YIQ	213.0730, 58.5090, -30.6350

# Conversions

## Conversions Part 2

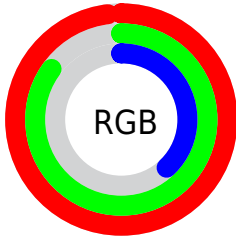
Format	Color
<a href="#">RYB</a>	<a href="#">138, 250, 96</a>
Decimal	<a href="#">16439648</a>
<a href="#">CIELab</a>	<a href="#">87.38, -2.08, 62.27</a>
<a href="#">CIElCh</a>	<a href="#">87, 62.304, 91.916</a>
<a href="#">Yxy</a>	<a href="#">70.7942, 0.4189, 0.4470</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294629728 (0xFFFA960)</a>
<a href="#">YUV</a>	<a href="#">213.0730, -57.7170, 32.3850</a>
<a href="#">Hunter-Lab</a>	<a href="#">84.1393, -6.4866, 43.9346</a>

# Details

The Android color **4294629728** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **4284514810**, and the grayscale version is **4292269782**.

A 20% lighter version of the original color is **4294967191**, and **4290683432** is the 20% darker color. If you saturate the color by 10%, you get **4294628423**, and if you desaturate by 10%, it is **4294631033**.

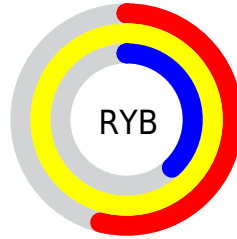
# Distribution



Red (98%)

Green (85%)

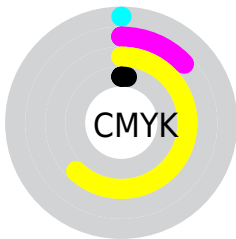
Blue (38%)



Red (54%)

Yellow (98%)

Blue (38%)

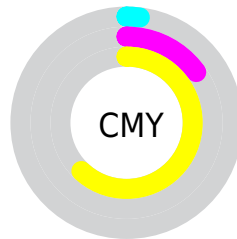


Cyan (0%)

Magenta (13%)

Yellow (62%)

Black (2%)



Cyan (2%)

Magenta (15%)
















Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294629728 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 4294629728 by changing the saturation by 10% instead.



 4294629728	 4294629728
4294967295	 4292656453
 4294967191	 4290683432
 4294967219	 4288776192
 4294967247	 4286934784
 4294967276	 4285093632
	 4283318272
	 4281543424
	 4279965440
	 4278190080

4294629728

4294629728

4294628423

4294631033

4294626862

4294632594

4294625557

4294633899

4294624256

4294635204

4294636765

4294638070

4294639615

# Harmonies

## Analogous

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



4294952051



4294629728



4290636402

# Triad

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



4294629728



4278253823



4294948095

# Complementary

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



4294629728



4284514810

# 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.



4293184255



4294629728



4278251775

# Square

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



4294629728



4278254045



4285915391



4294944986

# Rectangle

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



4294629728



4287427215



4285915391



4294949631



# Sweetspot

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



4294629728



4294964689



4294598785



4286609763



4278190080



4286611584



# Same Dimension

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



4294629728



4294956866



4291754592



4286413424



4290614272



4282200064



# Inverse Universe

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



4284514810



4282543103



4287389946



4285559677



4278200509



4278193469



# Previews

## White Background



This preview shows how the Android color 4294629728 looks on a white background.

## Color Contrast Check

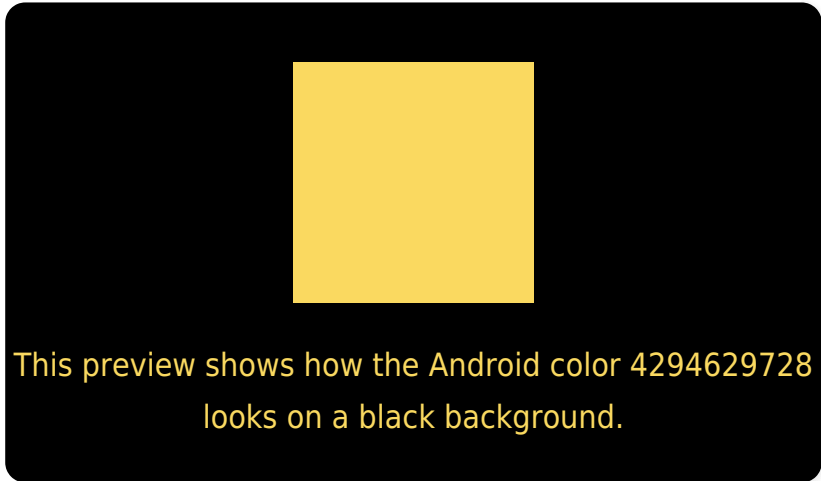
Large Text (above 18pt) WCAG AA × Fail

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 4294629728 Background



This preview shows how black text looks on a background with the Android color 4294629728.




This preview shows how white text looks on a background with the Android color 4294629728.

# 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](#).

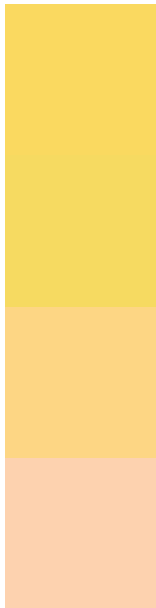
## Dichromacy





**Tritanopia**  
4294954716

# Trichromacy



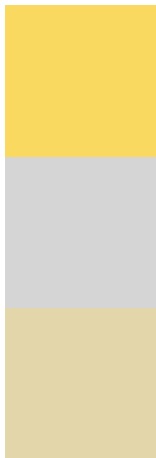
**Original Color**  
4294629728

**Protanomaly**  
4294367841

**Deuteranomaly**  
4294825604

**Tritanomaly**  
4294824623

# Monochromacy



**Original Color**  
4294629728

**Achromatopsia**  
4292203989

**Achromatomaly**  
4293056170

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294629728 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(250, 217, 96)` looks like.

```
.text, #text, p{  
    color:rgb(250, 217, 96)  
}
```

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(250, 217, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 96) }
```

## Border

The CSS property to change the border of an element to Android 4294629728 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(250, 217, 96) }
```

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

```
.border{ border-color:rgb(250, 217, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 217, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 96);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
96) }
```

# Background

The CSS property to change the background color of an element to Android 4294629728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 96) }
```

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

```
.background{ background-color: rgb(250,  
217, 96) }
```

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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