

# Converting Colors

Android(4294442832)

Have a look what the booklet for  
Android(4294442832) contains.

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# **Color**

**Android(4294442832)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7FF50
RGB	247, 255, 80
RGB Percent	97%, 100%, 31%
CMY	0.0314, 0.0000, 0.6863
CMYK	0.03, 0.00, 0.69, 0.00
HSL	63°, 100%, 66%
HSV	63°, 69%, 100%
XYZ	75.5657, 91.8733, 21.3400
YIQ	232.6580, 51.4070, -56.1210

# Conversions

## Conversions Part 2

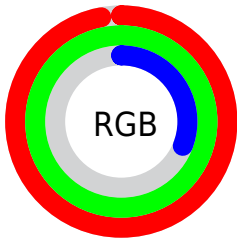
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 255, 88
Decimal	16252752
CIE Lab	96.77, -22.87, 78.25
CIE LCh	97, 81.529, 106.294
Yxy	91.8733, 0.4003, 0.4867
Android (android.graphics.Color)	4294442832 (0xFFFF7FF50)
YUV	232.6580, -75.2604, 12.5779
Hunter-Lab	95.8506, -27.0144, 53.8952

# Details

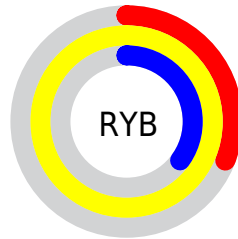
The Android color `4294442832` is a light color, and the websafe version is hex `FFFF66`. The color can be described as light muted yellow. A complement of this color would be `4283977983`, and the grayscale version is `4293519849`.

A 20% lighter version of the original color is `4294967179`, and `4290496000` is the 20% darker color. If you saturate the color by 10%, you get `4294377271`, and if you desaturate by 10%, it is `4294508394`.

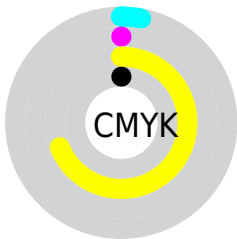
# Distribution



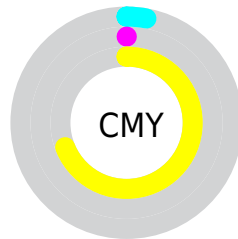
- Red (97%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (35%)



- Cyan (3%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294442832 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 4294442832 by changing the saturation by 10% instead.



 4294442832

 4294442832

4294967295

 4292469295

 4294967179

 4290496000

 4294967207

 4288588544


 4294967237

 4286681344

 4294967266

 4284839680

 4282998528

 4281157376

 4279382016

 4278197504

 4294442832

 4294442832

 4294377271

 4294508394

 4294311709

 4294573955

 4294246148

 4294639517

 4294180608

 4294770614

 4294836176

 4294901737

4294967295

# Harmonies

## Analogous

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



4294960467



4294442832



4288413570

# Triad

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



4294442832



4278255615



4294947583

# Complementary

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



4294442832



4283977983

# 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.



4294954751



4294442832



4278255615

# Square

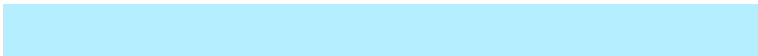
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294442832



4278255615



4290113535



4294946766

# Rectangle

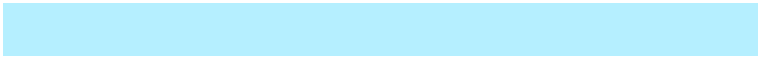
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294442832



4280549299



4290113535



4294949631



# Sweetspot

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



4294442832



4294836169



4294923856



4286480480



4278190080



4286611584



# Same Dimension

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



4294442832



4294311726



4288872272



4286546035



4290232064



4282204160



# Inverse Universe

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



4283977983



4281806591



4289548543



4285756288



4278780095

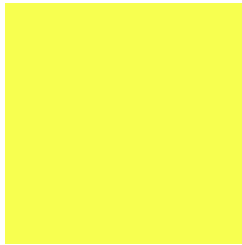


4278386752



# Previews

## White Background



This preview shows how the Android color 4294442832 looks on a white background.

## Color Contrast Check

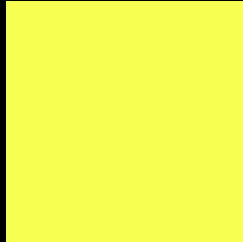
Large Text (above 18pt) WCAG AA × Fail

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 4294442832 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 4294442832 Background



This preview shows how black text looks on a background with the Android color 4294442832.



This preview shows how white text looks on a background with the Android color 4294442832.

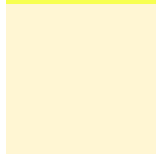
# Color Blindness Simulation

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](#).

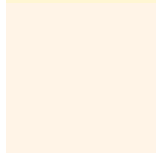
## Dichromacy




**Original Color**  
4294442832



**Protanopia**  
4294964947

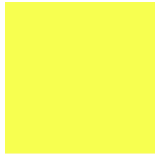


**Deuteranopia**  
4294964455

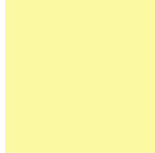


**Tritanopia**  
4294963964

# Trichromacy



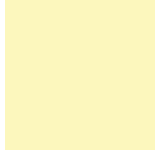
**Original Color**  
4294442832



**Protanomaly**  
4294769059

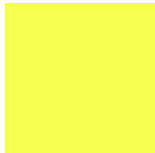


**Deuteranomaly**  
4294768816

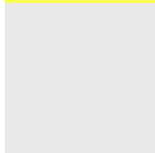


**Tritanomaly**  
4294768573

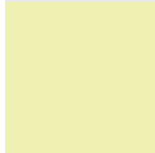
# Monochromacy



**Original Color**  
4294442832



**Achromatopsia**  
4293519849



**Achromatomaly**  
4293849521

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294442832 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(247, 255, 80)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 80)  
}
```

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(247, 255, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 80) }
```

## Border

The CSS property to change the border of an element to Android 4294442832 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(247, 255, 80) }
```

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

```
.border{ border-color:rgb(247, 255, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 80);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
80) }
```

# Background

The CSS property to change the background color of an element to Android 4294442832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 80) }
```

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

```
.background{ background-color: rgb(247,  
255, 80) }
```

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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