

# Converting Colors

Android(4293980532)

Have a look what the booklet for  
Android(4293980532) contains.

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# **Color**

**Android(4293980532)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0F174
RGB	240, 241, 116
RGB Percent	94%, 95%, 45%
CMY	0.0588, 0.0549, 0.5451
CMYK	0.00, 0.00, 0.52, 0.05
HSL	60°, 82%, 70%
HSV	60°, 52%, 95%
XYZ	70.5429, 82.6968, 28.7671
YIQ	226.4510, 39.5290, -39.0870

# Conversions

## Conversions Part 2

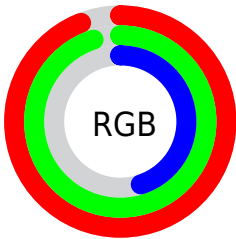
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	116, 241, 117
Decimal	15790452
CIE <sub>Lab</sub>	92.88, -16.62, 59.39
CIE <sub>LCh</sub>	93, 61.674, 105.633
Yxy	82.6968, 0.3876, 0.4544
Android (android.graphics.Color)	4293980532 (0xFFFF0F174)
YUV	226.4510, -54.4523, 11.8825
Hunter-Lab	90.9378, -20.6739, 44.9008

# Details

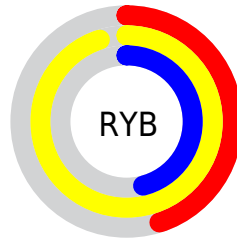
The Android color `4293980532` is a light color, and the websafe version is hex `FFFF99`. A complement of this color would be `4285887729`, and the grayscale version is `4293125091`.

A 20% lighter version of the original color is `4294967211`, and `4290165054` is the 20% darker color. If you saturate the color by 10%, you get `4293980508`, and if you desaturate by 10%, it is `4293980556`.

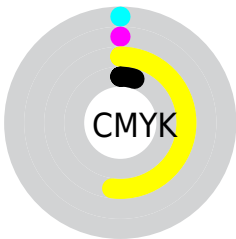
# Distribution



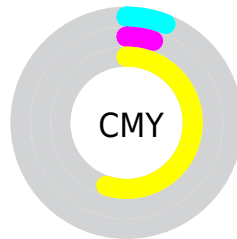
- Red (94%)
- Green (95%)
- Blue (45%)



- Red (45%)
- Yellow (95%)
- Blue (46%)



- Cyan (0%)
- Magenta (0%)
- Yellow (52%)
- Black (5%)



- Cyan (6%)
- Magenta (5%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293980532 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 4293980532 by changing the saturation by 10% instead.





4293980532



4293980532

4294967295



4292072793



4294967211



4290165054



4294967239



4288257569



4294967268



4286415872



4284640000



4282929920



4281220096



4279510528



4278194688

 4293980532

 4293980532

 4293980508

 4293980556

 4293980484

 4293980580

 4293914924

 4294046140

 4293914900

 4294046164

 4293914880

 4294046188

 4294046207

 4294111743

# Harmonies

## Analogous

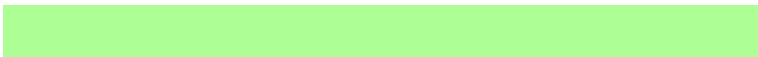
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294958454



4293980532



4289593237

# Triad

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



4293980532



4278255615



4294950399

# Complementary

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



4293980532



4285887729

# 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.



4294955007



4293980532



4279499263

# Square

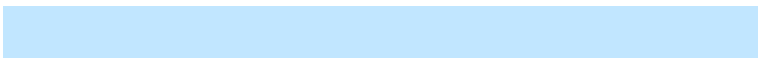
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4293980532



4278255615



4290897663



4294949582

# Rectangle

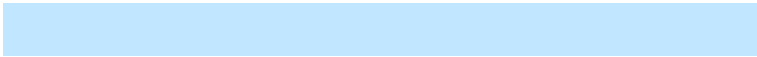
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293980532



4285923255



4290897663



4294951679



# Sweetspot

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



4293980532



4294967254



4294014068



4286546023



4278190080



4286611584



# Same Dimension

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



4293980532



4294901601



4289982836



4286085228



4290164736



4281874432



# Inverse Universe

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



4285887729



4284637695



4289950961



4285295736



4278255800

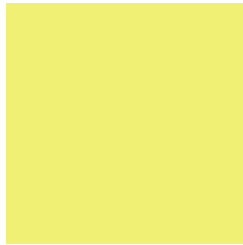


4278190136



# Previews

## White Background



This preview shows how the Android color 4293980532 looks on a white background.

## Color Contrast Check

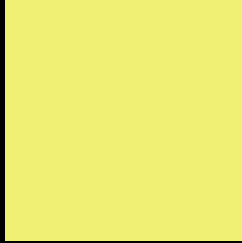
Large Text (above 18pt) WCAG AA × Fail

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 4293980532 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 4293980532 Background



This preview shows how black text looks on a background with the Android color 4293980532.

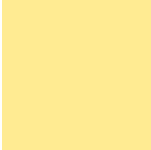
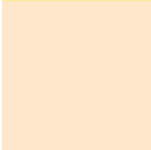



This preview shows how white text looks on a background with the Android color 4293980532.

# 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](#).

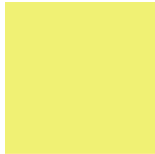
## Dichromacy

	<b>Original Color</b> 4293980532
	<b>Protanopia</b> 4294962066
	<b>Deuteranopia</b> 4294961099



**Tritanopia**  
4294829045

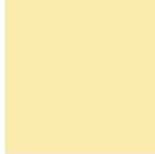
# Trichromacy



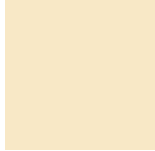
**Original Color**  
4293980532



**Protanomaly**  
4294634887



**Deuteranomaly**  
4294634411

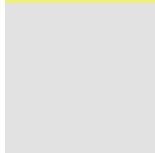


**Tritanomaly**  
4294502598

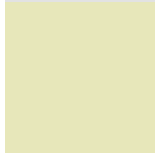
# Monochromacy



**Original Color**  
4293980532



**Achromatopsia**  
4293059298



**Achromatomaly**  
4293388218

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293980532 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(240, 241, 116)` looks like.

```
.text, #text, p{  
    color:rgb(240, 241, 116)  
}
```

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(240, 241, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 241, 116) }
```

## Border

The CSS property to change the border of an element to Android 4293980532 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(240, 241, 116) }
```

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

```
.border{ border-color:rgb(240, 241, 116) }
```

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

Here you see how a box with a 4 pixel rgb(240, 241, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 241, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 241, 116);  
box-shadow:4px 4px 4px 4px rgb(240, 241,  
116) }
```

# Background

The CSS property to change the background color of an element to Android 4293980532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 241, 116) }
```

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

```
.background{ background-color: rgb(240,  
241, 116) }
```

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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