

# Converting Colors

Android(4292801062)

Have a look what the booklet for  
Android(4292801062) contains.

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# **Color**

**Android(4292801062)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEF226
RGB	222, 242, 38
RGB Percent	87%, 95%, 15%
CMY	0.1294, 0.0510, 0.8510
CMYK	0.08, 0.00, 0.84, 0.05
HSL	66°, 89%, 55%
HSV	66°, 84%, 95%
XYZ	62.2262, 79.1738, 13.8361
YIQ	212.7640, 53.5640, -67.6840

# Conversions

## Conversions Part 2

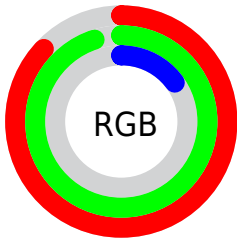
Format	Color
R <sub>Y</sub> B	38, 242, 58
Decimal	14610982
CIE Lab	91.31, -28.40, 84.47
CIE LCh	91, 89.118, 108.581
Yxy	79.1738, 0.4008, 0.5100
Android (android.graphics.Color)	4292801062 (0xFFDEF226)
YUV	212.7640, -86.1587, 8.1000
Hunter-Lab	88.9797, -30.8839, 53.0663

# Details

The Android color `4292801062` is a light color, and the websafe version is hex `FFFF33`. The color can be described as light washed yellow. A complement of this color would be `4282001138`, and the grayscale version is `4292269782`.

A 20% lighter version of the original color is `4294967146`, and `4288854528` is the 20% darker color. If you saturate the color by 10%, you get `4292669966`, and if you desaturate by 10%, it is `4292932158`.

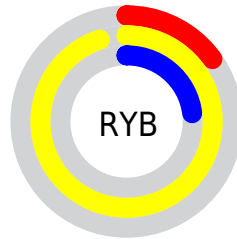
# Distribution



Red (87%)

Green (95%)

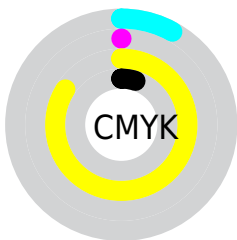
Blue (15%)



Red (15%)

Yellow (95%)

Blue (23%)

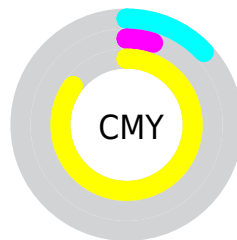


Cyan (8%)

Magenta (0%)

Yellow (84%)

Black (5%)



Cyan (13%)

Magenta (5%)

















Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292801062 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 4292801062 by changing the saturation by 10% instead.



 4292801062	 4292801062
4294967295	 4290827776
 4294967146	 4288854528
 4294967176	 4286947072
 4294967205	 4285105408
 4294967235	 4283198464
 4294967265	 4281291520
	 4279385088
	 4278199808
	 4278192384

■ 4292801062

■ 4292801062

■ 4292669966

■ 4292932158

■ 4292538880

■ 4293128790

■ 4293259887

■ 4293390983

■ 4293587615

■ 4293718711

■ 4293915343

■ 4294046440

■ 4294177535

# Harmonies

## Analogous

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



4294956582



4292801062



4285857645

# Triad

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



4292801062



4278255615



4294940415

# Complementary

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



4292801062



4282001138

# 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.



4294948863



4292801062



4278254079

# Square

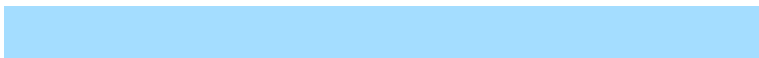
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4292801062



4278255615



4288994815



4294940085

# Rectangle

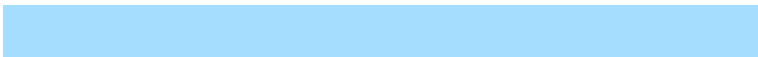
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292801062



4278255524



4288994815



4294942719



# Sweetspot

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



4292801062



4294574015



4294063910



4286349401



4278190080



4286611584



# Same Dimension

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



4292801062



4293328640



4286312998



4286019692



4289116160



4281546752



# Inverse Universe

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



4282001138



4279828735



4288489202



4285361272



4279369912

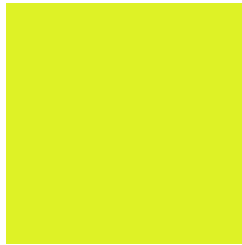


4278517816



# Previews

## White Background



This preview shows how the Android color 4292801062 looks on a white background.

## Color Contrast Check

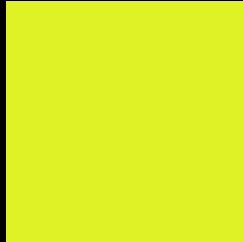
Large Text (above 18pt) WCAG AA × Fail

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 4292801062 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 4292801062 Background



This preview shows how black text looks on a background with the Android color 4292801062.



This preview shows how white text looks on a background with the Android color 4292801062.

# 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](#).

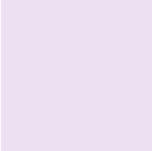
## Dichromacy



**Original Color**  
4292801062

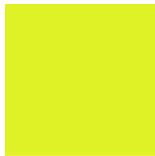
**Protanopia**  
4294960737

**Deuteranopia**  
4294959545



**Tritanopia**  
4293911027

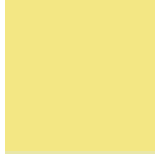
# Trichromacy



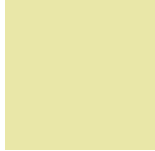
**Original Color**  
4292801062



**Protanomaly**  
4294175308



**Deuteranomaly**  
4294174596

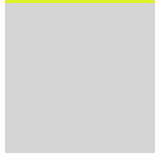


**Tritanomaly**  
4293519272

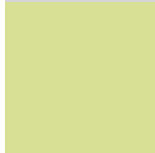
# Monochromacy



**Original Color**  
4292801062



**Achromatopsia**  
4292203989



**Achromatomaly**  
4292403349

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292801062 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(222, 242, 38)` looks like.

```
.text, #text, p{  
    color:rgb(222, 242, 38)  
}
```

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(222, 242, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 242, 38) }
```

## Border

The CSS property to change the border of an element to Android 4292801062 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(222, 242, 38) }
```

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

```
.border{ border-color:rgb(222, 242, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 242, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 242, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 242, 38);  
box-shadow:4px 4px 4px 4px rgb(222, 242,  
38) }
```

# Background

The CSS property to change the background color of an element to Android 4292801062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 242, 38) }
```

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

```
.background{ background-color: rgb(222,  
242, 38) }
```

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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