

# Converting Colors

Android(4292537910)

Have a look what the booklet for  
Android(4292537910) contains.

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# **Color**

**Android(4292537910)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAEE36
RGB	218, 238, 54
RGB Percent	85%, 93%, 21%
CMY	0.1451, 0.0667, 0.7882
CMYK	0.08, 0.00, 0.77, 0.07
HSL	67°, 84%, 57%
HSV	67°, 77%, 93%
XYZ	60.1538, 76.3208, 15.0510
YIQ	211.0440, 47.1440, -61.4640

# Conversions

## Conversions Part 2

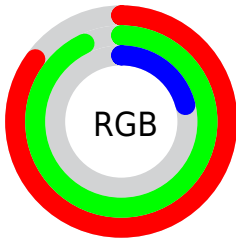
Format	Color
<a href="#">RYB</a>	<a href="#">54, 238, 74</a>
Decimal	<a href="#">14347830</a>
<a href="#">CIELab</a>	<a href="#">90.01, -27.65, 79.36</a>
<a href="#">CIELCh</a>	<a href="#">90, 84.040, 109.207</a>
<a href="#">Yxy</a>	<a href="#">76.3208, 0.3970, 0.5037</a>
Android (android.graphics.Color)	<a href="#">4292537910</a> ( <a href="#">0xFFDAEE36</a> )
<a href="#">YUV</a>	<a href="#">211.0440, -77.4227, 6.1004</a>
<a href="#">Hunter-Lab</a>	<a href="#">87.3618, -29.9752, 50.9386</a>

# Details

The Android color **4292537910** 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 **4283053806**, and the grayscale version is **4292138196**.

A 20% lighter version of the original color is **4294967156**, and **4288656896** is the 20% darker color. If you saturate the color by 10%, you get **4292341278**, and if you desaturate by 10%, it is **4292734542**.

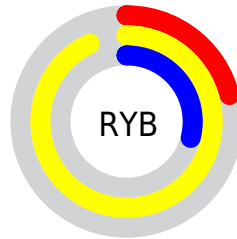
# Distribution



Red (85%)

Green (93%)

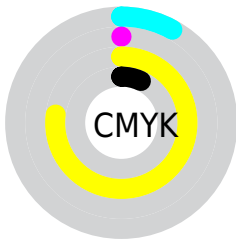
Blue (21%)



Red (21%)

Yellow (93%)

Blue (29%)

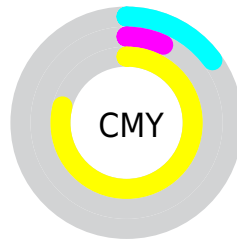


Cyan (8%)

Magenta (0%)

Yellow (77%)

Black (7%)



Cyan (15%)

Magenta (7%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292537910 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 4292537910 by changing the saturation by 10% instead.



 4292537910

 4292537910

4294967295

 4290564611

 4294967156

 4288656896

 4294967185

 4286749440

 4294967214

 4284907776

 4294967243

 4283066368

 4294967273

 4281159680

 4279253248

 4278199296

 4278190080

■ 4292537910

■ 4292537910

■ 4292341278

■ 4292734542

■ 4292210182

■ 4292865638

■ 4292144640

■ 4293062269

■ 4293193365

■ 4293389997

■ 4293586629

■ 4293717725

■ 4293914356

■ 4294045439

# Harmonies

## Analogous

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



4294956084



4292537910



4286054003

# Triad

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



4292537910



4278255615



4294941183

# Complementary

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



4292537910



4283053806

# 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.



4294948607



4292537910



4278252799

# Square

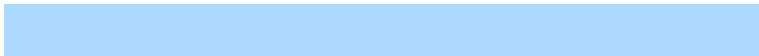
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4292537910



4278255615



4289452543



4294941106

# Rectangle

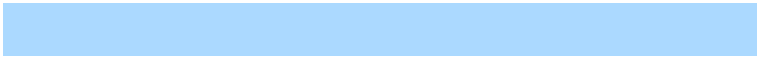
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292537910



4278255526



4289452543



4294943231



# Sweetspot

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



4292537910



4294574020



4293806134



4286349404



4278190080



4286611584



# Same Dimension

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



4292537910



4293263122



4286639670



4286019692



4288985088



4281481216



# Inverse Universe

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



4283053806



4281078527



4288952046



4285361272



4279500984

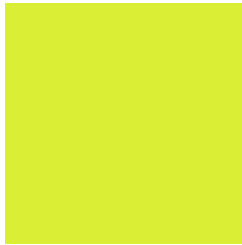


4278583352



# Previews

## White Background



This preview shows how the Android color 4292537910 looks on a white background.

## Color Contrast Check

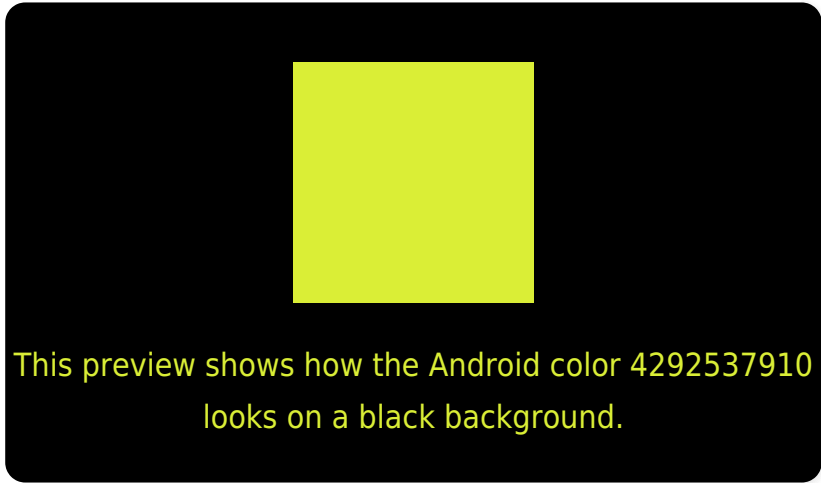
Large Text (above 18pt) WCAG AA × Fail

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 4292537910 Background



This preview shows how black text looks on a background with the Android color 4292537910.

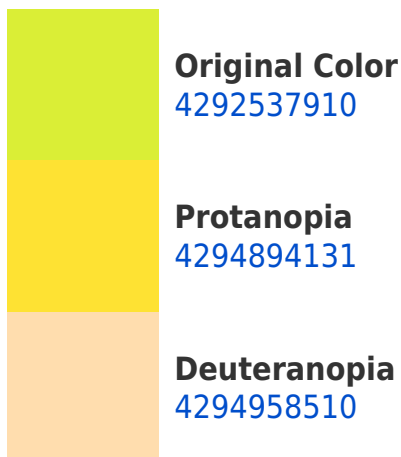


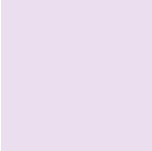
This preview shows how white text looks on a background with the Android color 4292537910.

# 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](#).

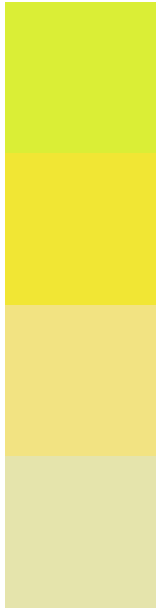
## Dichromacy





**Tritanopia**  
4293648111

# Trichromacy



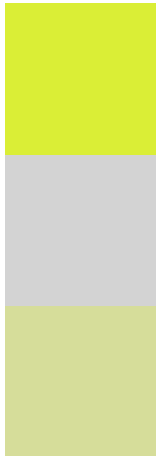
**Original Color**  
4292537910

**Protanomaly**  
4294043188

**Deuteranomaly**  
4294108034

**Tritanomaly**  
4293256364

# Monochromacy



**Original Color**  
4292537910

**Achromatopsia**  
4292072403

**Achromatomaly**  
4292271514

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292537910 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(218, 238, 54)` looks like.

```
.text, #text, p{  
    color:rgb(218, 238, 54)  
}
```

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(218, 238, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 238, 54) }
```

## Border

The CSS property to change the border of an element to Android 4292537910 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(218, 238, 54) }
```

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

```
.border{ border-color:rgb(218, 238, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 238, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 238, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 238, 54);  
box-shadow:4px 4px 4px 4px rgb(218, 238,  
54) }
```

# Background

The CSS property to change the background color of an element to Android 4292537910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 238, 54) }
```

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

```
.background{ background-color: rgb(218,  
238, 54) }
```

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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