

# Converting Colors

Android(4293322295)

Have a look what the booklet for  
Android(4293322295) contains.

<b>Android(4293322295)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4293322295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6E637
RGB	230, 230, 55
RGB Percent	90%, 90%, 22%
CMY	0.0980, 0.0980, 0.7843
CMYK	0.00, 0.00, 0.76, 0.10
HSL	60°, 78%, 56%
HSV	60°, 76%, 90%
XYZ	61.6195, 73.6925, 14.5908
YIQ	210.0500, 56.1750, -54.4250

# Conversions

## Conversions Part 2

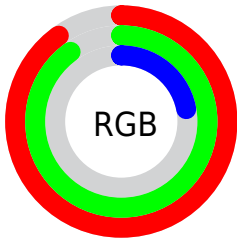
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 230, 55
Decimal	15132215
CIELab	88.78, -18.88, 78.30
CIELCh	89, 80.549, 103.557
Yxy	73.6925, 0.4111, 0.4916
Android (android.graphics.Color)	4293322295 (0xFFE6E637)
YUV	210.0500, -76.4396, 17.4962
Hunter-Lab	85.8443, -22.0992, 50.0136

# Details

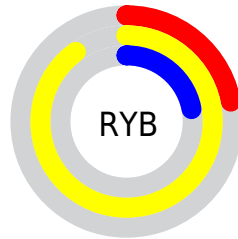
The Android color `4293322295` is a light color, and the websafe version is hex `CCCC00`. The color can be described as light washed yellow. A complement of this color would be `4281808870`, and the grayscale version is `4292072403`.

A 20% lighter version of the original color is `4294967156`, and `4289376000` is the 20% darker color. If you saturate the color by 10%, you get `4293322272`, and if you desaturate by 10%, it is `4293322318`.

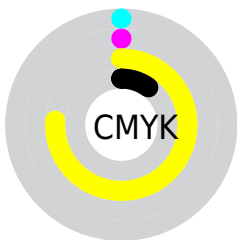
# Distribution



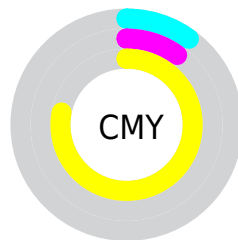
- Red (90%)
- Green (90%)
- Blue (22%)



- Red (22%)
- Yellow (90%)
- Blue (22%)



- Cyan (0%)
- Magenta (0%)
- Yellow (76%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293322295 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 4293322295 by changing the saturation by 10% instead.





4293322295



4293322295

4294967295



4291349000



4294967156



4289376000



4294967185



4287468544



4294967213



4285627136



4294967243



4283785728



4294967272



4282010112



4280235008



4278198016



4278190080

■ 4293322295

■ 4293322295

■ 4293322272

■ 4293322318

■ 4293322249

■ 4293322341

■ 4293322240

■ 4293322364

■ 4293322387

■ 4293322410

■ 4293322433

■ 4293322456

■ 4293322479

■ 4293322495

# Harmonies

## Analogous

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



4294954050



4293322295



4287625320

# Triad

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



4293322295



4278255615



4294942463

# Complementary

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



4293322295



4281808870

# 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.



4294949887



4293322295



4278252543

# Square

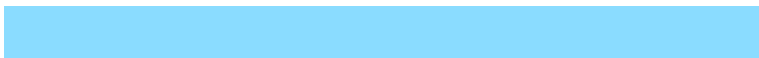
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4293322295



4278255615



4287290623



4294940607

# Rectangle

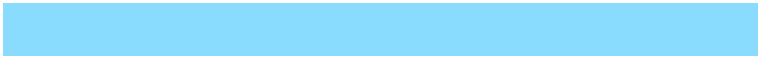
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293322295



4279697303



4287290623



4294944511



# Sweetspot

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



4293322295



4294967236



4293277495



4286611548



4278190080



4286611584



# Same Dimension

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



4293322295



4294967063



4287620663



4285756263



4289966848



4281545472



# Inverse Universe

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



4281808870



4279703551



4287576038



4284966771



4278190259

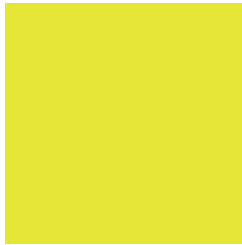


4278190131



# Previews

## White Background



This preview shows how the Android color 4293322295 looks on a white background.

## Color Contrast Check

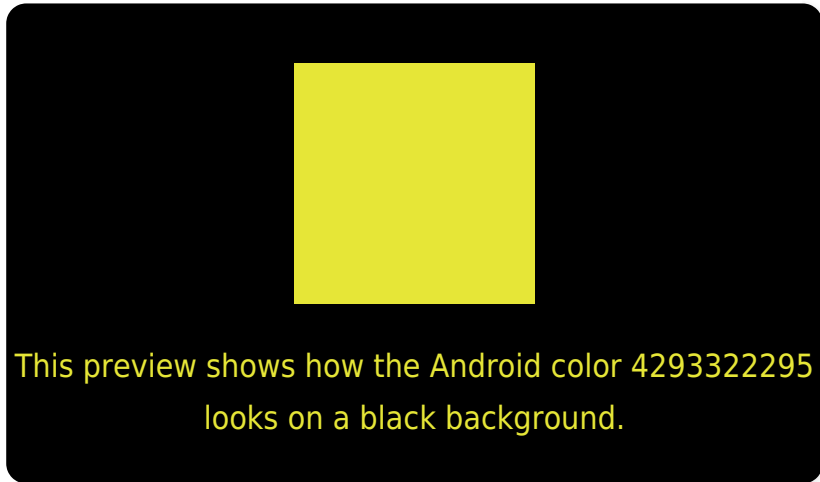
Large Text (above 18pt) WCAG AA × Fail

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 4293322295 Background



This preview shows how black text looks on a background with the Android color 4293322295.



This preview shows how white text looks on a background with the Android color 4293322295.

# 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**  
4293322295

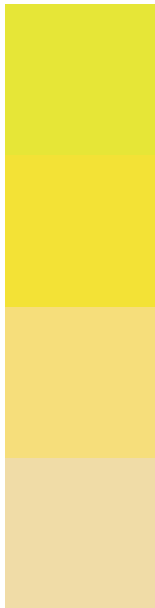
**Protanopia**  
4294631221

**Deuteranopia**  
4294957474



**Tritanopia**  
4294301415

# Trichromacy



**Original Color**  
4293322295

**Protanomaly**  
4294173238

**Deuteranomaly**  
4294368891

**Tritanomaly**  
4293975207

# Monochromacy



**Original Color**  
4293322295

**Achromatopsia**  
4292006610

**Achromatomaly**  
4292467098

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293322295 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(230, 230, 55)` looks like.

```
.text, #text, p{  
    color:rgb(230, 230, 55)  
}
```

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(230, 230, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 230, 55) }
```

## Border

The CSS property to change the border of an element to Android 4293322295 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(230, 230, 55) }
```

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

```
.border{ border-color:rgb(230, 230, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 230, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 230, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 230, 55);  
box-shadow:4px 4px 4px 4px rgb(230, 230,  
55) }
```

# Background

The CSS property to change the background color of an element to Android 4293322295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 230, 55) }
```

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

```
.background{ background-color: rgb(230,  
230, 55) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor