

# Converting Colors

Android(4293319575)

Have a look what the booklet for  
Android(4293319575) contains.

<b>Android(4293319575)</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(4293319575)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6DB97
RGB	230, 219, 151
RGB Percent	90%, 86%, 59%
CMY	0.0980, 0.1412, 0.4078
CMYK	0.00, 0.05, 0.34, 0.10
HSL	52°, 61%, 75%
HSV	52°, 34%, 90%
XYZ	63.5506, 69.7204, 39.3861
YIQ	214.5370, 28.3840, -18.8160

# Conversions

## Conversions Part 2

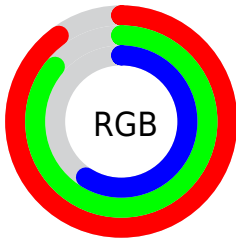
Format	Color
<b>RYB</b>	164, 230, 151
Decimal	15129495
CIELab	86.86, -6.14, 34.84
CIELCh	87, 35.378, 100.000
Yxy	69.7204, 0.3681, 0.4038
Android (android.graphics.Color)	4293319575 (0xFFE6DB97)
YUV	214.5370, -31.3237, 13.5611
Hunter-Lab	83.4987, -10.2672, 30.4822

# Details

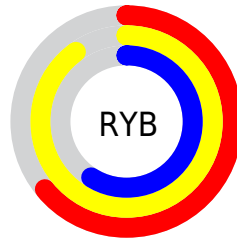
The Android color `4293319575` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4288127718`, and the grayscale version is `4292335575`.

A 20% lighter version of the original color is `4294967246`, and `4289569891` is the 20% darker color. If you saturate the color by 10%, you get `4293318784`, and if you desaturate by 10%, it is `4293320366`.

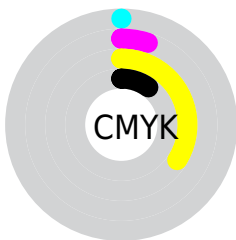
# Distribution



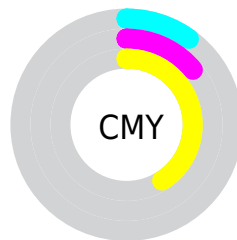
- Red (90%)
- Green (86%)
- Blue (59%)



- Red (64%)
- Yellow (90%)
- Blue (59%)



- Cyan (0%)
- Magenta (5%)
- Yellow (34%)
- Black (10%)



- Cyan (10%)
- Magenta (14%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4293319575 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 4293319575 by changing the saturation by 10% instead.





4293319575



4293319575

4294967295



4291411837



4294967246



4289569891



4294967274



4287793739



4286017843



4284373019



4282728706



4281150208



4279506688



4278190080

 4293319575

 4293319575

 4293318784

 4293320366

 4293317993

 4293321157

 4293316946

 4293322204

 4293316155

 4293322995

 4293315364

 4293323775

 4293314573

 4293324543

 4293314048

 4293325311

 4293326335

 4293327103

# Harmonies

## Analogous

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



4294955163



4293319575



4290897061

# Triad

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



4293319575



4285590271



4294951921

# Complementary

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



4293319575



4288127718

# 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.



4293774847



4293319575



4287554559

# Square

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



4293319575



4286115044



4290697727



4294951375

# Rectangle

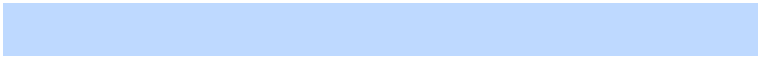
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4293319575



4289194423



4290697727



4294952700



# Sweetspot

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



4293319575



4294966246



4293302179



4286610800



4278190080



4286611584

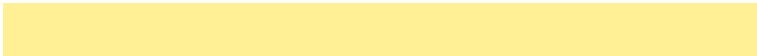


# Same Dimension

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



4293319575



4294963350



4291487383



4285755751



4289960448



4281543680



# Inverse Universe

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



4288127718



4288062975



4289959910



4284967283



4278196659



4278191923



# Previews

## White Background



This preview shows how the Android color 4293319575 looks on a white background.

## Color Contrast Check

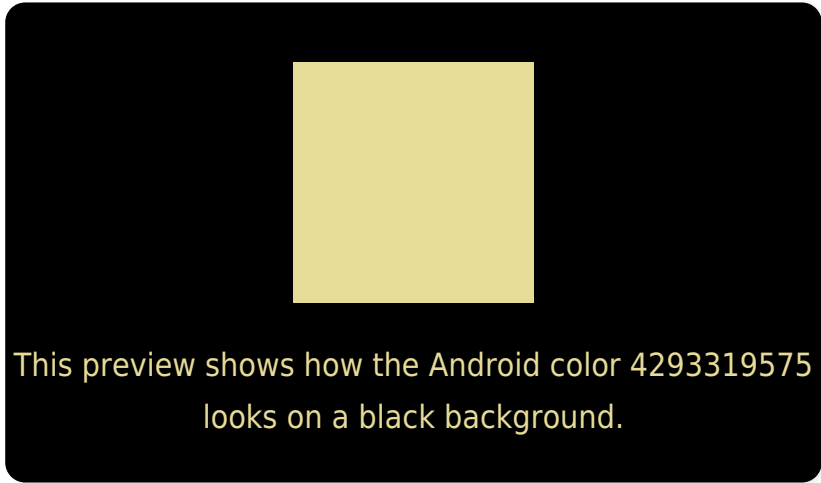
Large Text (above 18pt) WCAG AA × Fail

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 4293319575 Background



This preview shows how black text looks on a background with the Android color 4293319575.



This preview shows how white text looks on a background with the Android color 4293319575.

# 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**  
4293319575

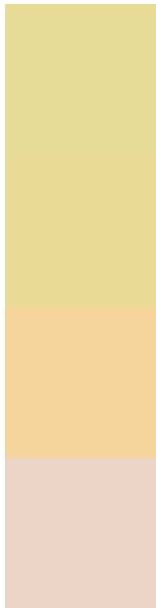
**Protanopia**  
4293646742

**Deuteranopia**  
4294955425



**Tritanopia**  
4293906914

# Trichromacy



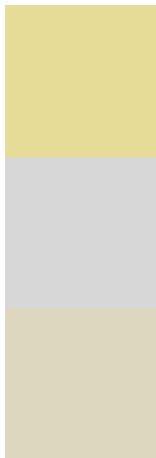
**Original Color**  
4293319575

**Protanomaly**  
4293515926

**Deuteranomaly**  
4294366621

**Tritanomaly**  
4293711303

# Monochromacy



**Original Color**  
4293319575

**Achromatopsia**  
4292335575

**Achromatomaly**  
4292663488

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4293319575 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, 219, 151)` looks like.

```
.text, #text, p{  
    color:rgb(230, 219, 151)  
}
```

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, 219, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 219, 151) }
```

## Border

The CSS property to change the border of an element to Android 4293319575 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, 219, 151) }
```

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

```
.border{ border-color:rgb(230, 219, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 219, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 219, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 219, 151);  
box-shadow:4px 4px 4px 4px rgb(230, 219,  
151) }
```

# Background

The CSS property to change the background color of an element to Android 4293319575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 219, 151) }
```

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

```
.background{ background-color: rgb(230,  
219, 151) }
```

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