

# Converting Colors

Android(4292733092)

Have a look what the booklet for  
Android(4292733092) contains.

<b>Android(4292733092)</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(4292733092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDE8A4
RGB	221, 232, 164
RGB Percent	87%, 91%, 64%
CMY	0.1333, 0.0902, 0.3569
CMYK	0.05, 0.00, 0.29, 0.09
HSL	70°, 60%, 78%
HSV	70°, 29%, 91%
XYZ	65.3762, 75.7657, 46.3005
YIQ	220.9590, 15.2720, -23.4800

# Conversions

## Conversions Part 2

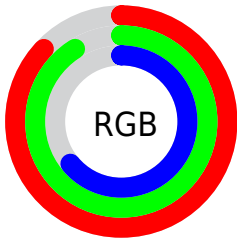
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 232, 175
Decimal	14543012
CIELab	89.75, -14.46, 31.93
CIELCh	90, 35.052, 114.358
Yxy	75.7657, 0.3488, 0.4042
Android (android.graphics.Color)	4292733092 (0xFFDDE8A4)
YUV	220.9590, -28.0808, 0.0360
Hunter-Lab	87.0435, -18.2591, 29.3927

# Details

The Android color `4292733092` is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be `4289701096`, and the grayscale version is `4292730333`.

A 20% lighter version of the original color is `4294967259`, and `4289048688` is the 20% darker color. If you saturate the color by 10%, you get `4292470925`, and if you desaturate by 10%, it is `4292995259`.

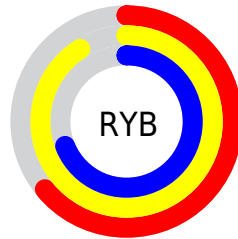
# Distribution



Red (87%)

Green (91%)

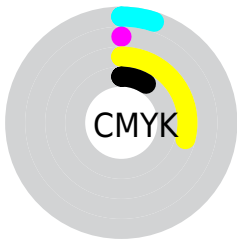
Blue (64%)



Red (64%)

Yellow (91%)

Blue (69%)

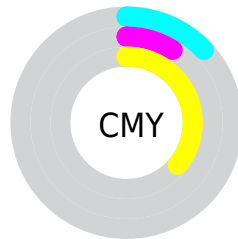


Cyan (5%)

Magenta (0%)

Yellow (29%)

Black (9%)



Cyan (13%)

Magenta (9%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292733092 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 4292733092 by changing the saturation by 10% instead.



 4292733092

 4292733092

4294967295

 4290890889

 4294967259

 4289048688

 4294967288

 4287272535

 4285561918

 4283917095

 4282338063

 4280824832

 4279246592

 4278190080

 4292733092

 4292733092

 4292470925

 4292995259

 4292208758

 4293257426

 4292012126


 4293454058

 4291749959

 4293716223

 4291487792

 4293978367

 4291225625

 4294240511

 4291028994

 4294437119

 4290963456

 4294699263

 4294961407

# Harmonies

## Analogous

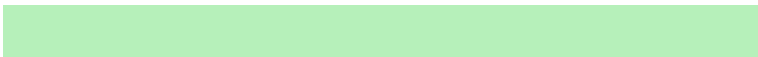
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4294958495



4292733092



4290179258

# Triad

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



4292733092



4286967807



4294953449

# Complementary

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



4292733092



4289701096

# Split Complementary

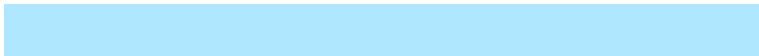
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4294955263



4292733092



4289652735

# Square

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



4292733092



4286248188



4292795391



4294953672

# Rectangle

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



4292733092



4288541646



4292795391



4294953973



# Sweetspot

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



4292733092



4294705128



4293439140



4286414961



4278190080



4286611584



# Same Dimension

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



4292733092



4294049702



4290570404



4285625191



4288066304



4281021184



# Inverse Universe

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



4289701096



4290029311



4291863784



4285097843



4280090803

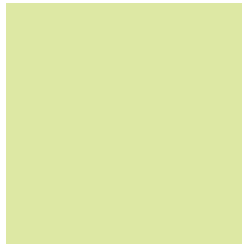


4278714419



# Previews

## White Background



This preview shows how the Android color 4292733092 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 4292733092 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

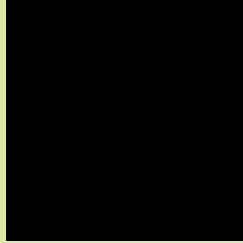
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4292733092 Background



This preview shows how black text looks on a background with the Android color 4292733092.



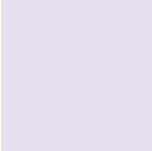
This preview shows how white text looks on a background with the Android color 4292733092.

# 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](#).

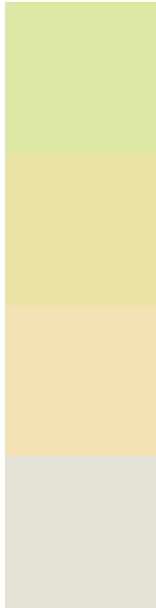
## Dichromacy





**Tritanopia**  
4293385968

# Trichromacy



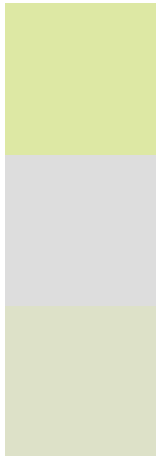
**Original Color**  
4292733092

**Protanomaly**  
4293649570

**Deuteranomaly**  
4294172851

**Tritanomaly**  
4293124820

# Monochromacy



**Original Color**  
4292733092

**Achromatopsia**  
4292730333

**Achromatomaly**  
4292731336

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292733092 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(221, 232, 164)` looks like.

```
.text, #text, p{  
    color:rgb(221, 232, 164)  
}
```

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(221, 232, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 232, 164) }
```

## Border

The CSS property to change the border of an element to Android 4292733092 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(221, 232, 164) }
```

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

```
.border{ border-color:rgb(221, 232, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 232, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 232, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 232, 164); box-shadow:4px 4px 4px 4px rgb(221, 232, 164) }
```

# Background

The CSS property to change the background color of an element to Android 4292733092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 232, 164) }
```

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

```
.background{ background-color: rgb(221,  
232, 164) }
```

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