

# Converting Colors

Android(4292464468)

Have a look what the booklet for  
Android(4292464468) contains.

<b>Android(4292464468)</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(4292464468)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9CF54
RGB	217, 207, 84
RGB Percent	85%, 81%, 33%
CMY	0.1490, 0.1882, 0.6706
CMYK	0.00, 0.05, 0.61, 0.15
HSL	55°, 64%, 59%
HSV	55°, 61%, 85%
XYZ	52.5283, 60.0175, 17.2035
YIQ	195.9680, 45.4430, -36.1330

# Conversions

## Conversions Part 2

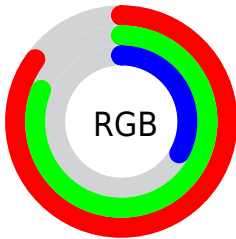
Format	Color
<a href="#">RYB</a>	<a href="#">95, 217, 84</a>
Decimal	<a href="#">14274388</a>
CIELab	<a href="#">81.85, -11.44, 60.58</a>
CIELCh	<a href="#">82, 61.651, 100.692</a>
Yxy	<a href="#">60.0175, 0.4048, 0.4626</a>
Android (android.graphics.Color)	<a href="#">4292464468 (0xFFD9CF54)</a>
YUV	<a href="#">195.9680, -55.2002, 18.4451</a>
Hunter-Lab	<a href="#">77.4709, -14.5441, 41.0635</a>

# Details

The Android color `4292464468` is a light color, and the websafe version is hex `CCCC66`. The color can be described as light muted yellow. A complement of this color would be `4283719385`, and the grayscale version is `4291085508`.

A 20% lighter version of the original color is `4294967178`, and `4288649498` is the 20% darker color. If you saturate the color by 10%, you get `4292463934`, and if you desaturate by 10%, it is `4292465002`.

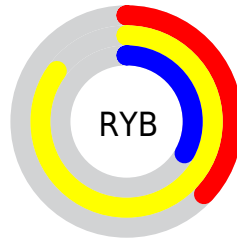
# Distribution



Red (85%)

Green (81%)

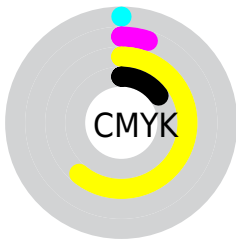
Blue (33%)



Red (37%)

Yellow (85%)

Blue (33%)

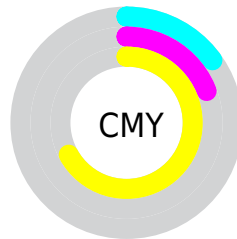


Cyan (0%)

Magenta (5%)

Yellow (61%)

Black (15%)



Cyan (15%)

Magenta (19%)

















Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292464468 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 4292464468 by changing the saturation by 10% instead.



 4292464468	 4292464468
4294967295	 4290556985
 4294967178	 4288649498
 4294967206	 4286807808
 4294967234	 4285031936
 4294967263	 4283256320
 4294967292	 4281546752
	 4279902976
	 4278193152
	 4278190080

■ 4292464468

■ 4292464468

■ 4292463934

■ 4292465002

■ 4292463657

■ 4292465279

■ 4292463123

■ 4292465813

■ 4292462848

■ 4292466347

■ 4292466625

■ 4292467158

■ 4292467436

■ 4292467967

■ 4292468479

# Harmonies

## Analogous

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



4294949725



4292464468



4288339568

# Triad

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



4292464468



4278249215



4294942963

# Complementary

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



4292464468



4283719385

# 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.



4293637375



4292464468



4278246655

# Square

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



4292464468



4278249951



4287417343



4294941369

# Rectangle

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



4292464468



4284736657



4287417343



4294944255



# Sweetspot

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



4292464468



4294966481



4292432991



4286610787



4278190080



4286611584



# Same Dimension

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



4292464468



4294963522



4288862548



4285427043



4289568768



4281215488



# Inverse Universe

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



4283719385



4282536191



4287321305



4284703854



4278193581



4278190894



# Previews

## White Background



This preview shows how the Android color 4292464468 looks on a white background.

## Color Contrast Check

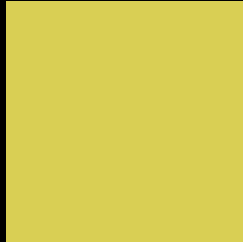
Large Text (above 18pt) WCAG AA × Fail

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 4292464468 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 4292464468 Background



This preview shows how black text looks on a background with the Android color 4292464468.



This preview shows how white text looks on a background with the Android color 4292464468.

# 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**  
4292464468

**Protanopia**  
4293119059

**Deuteranopia**  
4294754648



**Tritanopia**  
4293182161

# Trichromacy



**Original Color**  
4292464468

**Protanomaly**  
4292857171

**Deuteranomaly**  
4293903959

**Tritanomaly**  
4292921252

# Monochromacy



**Original Color**  
4292464468

**Achromatopsia**  
4291085508

**Achromatomaly**  
4291610779

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292464468 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(217, 207, 84)` looks like.

```
.text, #text, p{  
    color:rgb(217, 207, 84)  
}
```

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(217, 207, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 207, 84) }
```

## Border

The CSS property to change the border of an element to Android 4292464468 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(217, 207, 84) }
```

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

```
.border{ border-color:rgb(217, 207, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 207, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 207, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 207, 84);  
box-shadow:4px 4px 4px 4px rgb(217, 207,  
84) }
```

# Background

The CSS property to change the background color of an element to Android 4292464468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 207, 84) }
```

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

```
.background{ background-color: rgb(217,  
207, 84) }
```

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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