

# Converting Colors

Android(4294104642)

Have a look what the booklet for  
Android(4294104642) contains.

<b>Android(4294104642)</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(4294104642)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2D642
RGB	242, 214, 66
RGB Percent	95%, 84%, 26%
CMY	0.0510, 0.1608, 0.7412
CMYK	0.00, 0.12, 0.73, 0.05
HSL	50°, 87%, 60%
HSV	50°, 73%, 95%
XYZ	61.6479, 67.3637, 14.9076
YIQ	205.5000, 64.1960, -40.0920

# Conversions

## Conversions Part 2

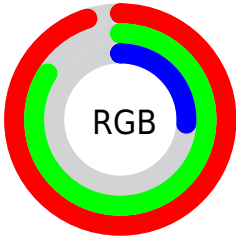
Format	Color
R <sub>Y</sub> B	99, 242, 66
Decimal	15914562
CIE Lab	85.69, -5.50, 72.24
CIE LCh	86, 72.451, 94.352
Yxy	67.3637, 0.4284, 0.4681
Android (android.graphics.Color)	4294104642 (0xFFFF2D642)
YUV	205.5000, -68.7735, 32.0105
Hunter-Lab	82.0754, -9.5583, 46.6838

# Details

The Android color **4294104642** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **4282539762**, and the grayscale version is **4291743438**.

A 20% lighter version of the original color is **4294967163**, and **4290158592** is the 20% darker color. If you saturate the color by 10%, you get **4294103594**, and if you desaturate by 10%, it is **4294105690**.

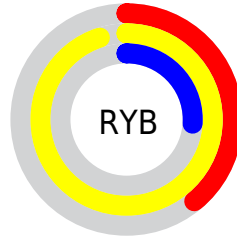
# Distribution



Red (95%)

Green (84%)

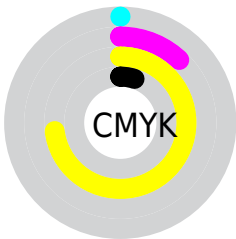
Blue (26%)



Red (39%)

Yellow (95%)

Blue (26%)

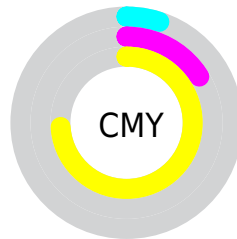


Cyan (0%)

Magenta (12%)

Yellow (73%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294104642 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 4294104642 by changing the saturation by 10% instead.





4294104642



4294104642

4294967295



4292131361



4294967163



4290158592



4294967191



4288251392



4294967220



4286344448



4294967249



4284503296



4294967278



4282727936



4281018368



4279244032



4278190080

■ 4294104642

■ 4294104642

■ 4294103594

■ 4294105690

■ 4294102546

■ 4294106738

■ 4294101760

■ 4294107787

■ 4294108579

■ 4294109627

■ 4294110675

■ 4294111723

■ 4294112767

■ 4294113791

# Harmonies

## Analogous

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



4294950232



4294104642



4289456222

# Triad

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



4294104642



4278253311



4294943999

# Complementary

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



4294104642



4282539762

# 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.



4293312767



4294104642



4278251007

# Square

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



4294104642



4278253790



4283751423



4294940623

# Rectangle

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



4294104642



4285329538



4283751423



4294946303



# Sweetspot

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



4294104642



4294964935



4294066783



4286610014



4278190080



4286611584



# Same Dimension

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



4294104642



4294958113



4290245186



4286084716



4290288128



4281872128



# Inverse Universe

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



4282539762



4280370431



4286399218



4285296248



4278197688



4278192440



# Previews

## White Background



This preview shows how the Android color 4294104642 looks on a white background.

## Color Contrast Check

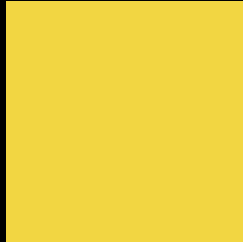
Large Text (above 18pt) WCAG AA × Fail

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 4294104642 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 4294104642 Background



This preview shows how black text looks on a background with the Android color 4294104642.



This preview shows how white text looks on a background with the Android color 4294104642.

# 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**  
4294104642

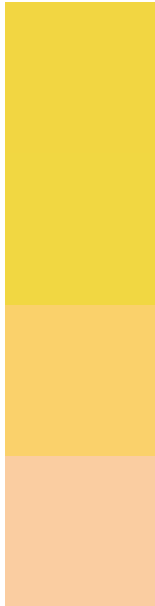
**Protanopia**  
4293973826

**Deuteranopia**  
4294954626



**Tritanopia**  
4294887639

# Trichromacy



**Original Color**  
4294104642

**Protanomaly**  
4294039362

**Deuteranomaly**  
4294627691

**Tritanomaly**  
4294626721

# Monochromacy



**Original Color**  
4294104642

**Achromatopsia**  
4291743438

**Achromatomaly**  
4292596123

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294104642 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(242, 214, 66)` looks like.

```
.text, #text, p{  
    color:rgb(242, 214, 66)  
}
```

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(242, 214, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 214, 66) }
```

## Border

The CSS property to change the border of an element to Android 4294104642 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(242, 214, 66) }
```

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

```
.border{ border-color:rgb(242, 214, 66) }
```

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

Here you see how a box with a 4 pixel rgb(242, 214, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 214, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 214, 66);  
box-shadow:4px 4px 4px 4px rgb(242, 214,  
66) }
```

# Background

The CSS property to change the background color of an element to Android 4294104642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 214, 66) }
```

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

```
.background{ background-color: rgb(242,  
214, 66) }
```

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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