

# Converting Colors

Android(4292794656)

Have a look what the booklet for  
Android(4292794656) contains.

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# **Color**

**Android(4292794656)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DED920
RGB	222, 217, 32
RGB Percent	87%, 85%, 13%
CMY	0.1294, 0.1490, 0.8745
CMYK	0.00, 0.02, 0.86, 0.13
HSL	58°, 75%, 50%
HSV	58°, 86%, 87%
XYZ	55.1978, 65.2596, 11.0536
YIQ	197.4050, 62.3650, -56.4750

# Conversions

## Conversions Part 2

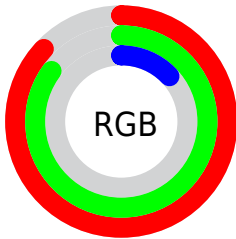
Format	Color
R <sub>Y</sub> B	37, 222, 32
Decimal	14604576
CIE Lab	84.62, -16.54, 80.18
CIE LCh	85, 81.867, 101.656
Yxy	65.2596, 0.4197, 0.4962
Android (android.graphics.Color)	4292794656 (0xFFDED920)
YUV	197.4050, -81.5447, 21.5698
Hunter-Lab	80.7834, -19.4053, 48.4357

# Details

The Android color **4292794656** 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 **4280296926**, and the grayscale version is **4291217094**.

A 20% lighter version of the original color is **4294967139**, and **4288848384** is the 20% darker color. If you saturate the color by 10%, you get **4292794378**, and if you desaturate by 10%, it is **4292794934**.

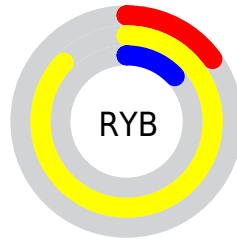
# Distribution



Red (87%)

Green (85%)

Blue (13%)



Red (15%)

Yellow (87%)

Blue (13%)

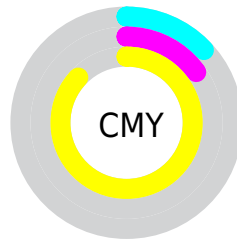


Cyan (0%)

Magenta (2%)

Yellow (86%)

Black (13%)



Cyan (13%)

Magenta (15%)


















Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292794656 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 4292794656 by changing the saturation by 10% instead.



 4292794656	 4292794656
4294967295	 4290821376
 4294967139	 4288848384
 4294967168	 4286941184
 4294967197	 4285099776
 4294967226	 4283258624
 4294967256	 4281483264
 4294967286	 4279839232
	 4278195968
	 4278190080

■ 4292794656

■ 4292794656

■ 4292794378

■ 4292794934

■ 4292794368

■ 4292794956

■ 4292795235

■ 4292795257

■ 4292795535

■ 4292795813

■ 4292795835

■ 4292796114

■ 4292796136

# Harmonies

## Analogous

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



4294950452



4292794656



4287163222

# Triad

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



4292794656



4278253055



4294939135

# Complementary

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



4292794656



4280296926

# 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.



4294816255



4292794656



4278249983

# Square

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



4292794656



4278253808



4285059839



4294936760

# Rectangle

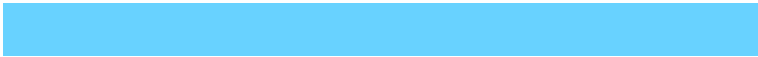
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292794656



4278252166



4285059839



4294941439



# Sweetspot

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



4292794656



4294966717



4292747302



4286611032



4278190080



4286611584



# Same Dimension

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



4292794656



4294965248



4286963232



4285558885



4289768192



4281347840



# Inverse Universe

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



4280296926



4278192127



4286128350



4284835184



4278191536



4278190384



# Previews

## White Background



This preview shows how the Android color 4292794656 looks on a white background.

## Color Contrast Check

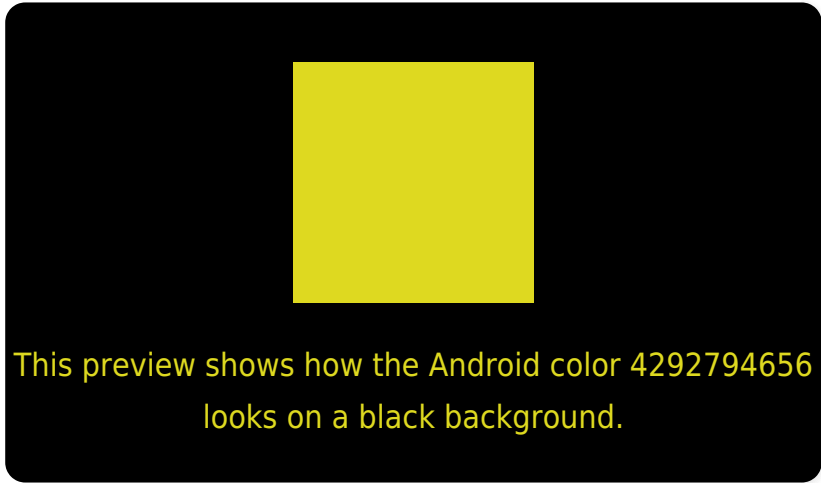
Large Text (above 18pt) WCAG AA × Fail

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 4292794656 Background



This preview shows how black text looks on a background with the Android color 4292794656.



This preview shows how white text looks on a background with the Android color 4292794656.

# 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**  
4292794656

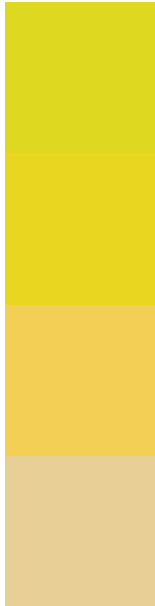
**Protanopia**  
4293841950

**Deuteranopia**  
4294953840



**Tritanopia**  
4293708506

# Trichromacy



**Original Color**  
4292794656

**Protanomaly**  
4293449247

**Deuteranomaly**  
4294168659

**Tritanomaly**  
4293382038

# Monochromacy



**Original Color**  
4292794656

**Achromatopsia**  
4291151301

**Achromatomaly**  
4291742857

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292794656 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(222, 217, 32)` looks like.

```
.text, #text, p{  
    color:rgb(222, 217, 32)  
}
```

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(222, 217, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 217, 32) }
```

## Border

The CSS property to change the border of an element to Android 4292794656 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(222, 217, 32) }
```

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

```
.border{ border-color:rgb(222, 217, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 217, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 217, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 217, 32);  
box-shadow:4px 4px 4px 4px rgb(222, 217,  
32) }
```

# Background

The CSS property to change the background color of an element to Android 4292794656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 217, 32) }
```

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

```
.background{ background-color: rgb(222,  
217, 32) }
```

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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