

# Converting Colors

Android(4294036562)

Have a look what the booklet for  
Android(4294036562) contains.

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# **Color**

**Android(4294036562)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1CC52
RGB	241, 204, 82
RGB Percent	95%, 80%, 32%
CMY	0.0549, 0.2000, 0.6784
CMYK	0.00, 0.15, 0.66, 0.05
HSL	46°, 85%, 63%
HSV	46°, 66%, 95%
XYZ	59.3915, 62.4957, 16.9153
YIQ	201.1550, 61.2140, -30.0980

# Conversions

## Conversions Part 2

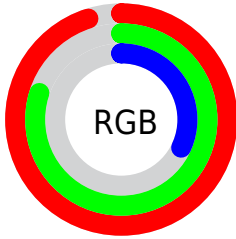
Format	Color
<a href="#">RYB</a>	<a href="#">130, 241, 82</a>
Decimal	<a href="#">15846482</a>
CIELab	<a href="#">83.18, -0.02, 63.48</a>
CIELCh	<a href="#">83, 63.479, 90.019</a>
Yxy	<a href="#">62.4957, 0.4279, 0.4502</a>
Android (android.graphics.Color)	<a href="#">4294036562</a> ( <a href="#">0xFFFF1CC52</a> )
YUV	<a href="#">201.1550, -58.7434, 34.9441</a>
Hunter-Lab	<a href="#">79.0542, -4.2422, 42.6517</a>

# Details

The Android color `4294036562` is a light color, and the websafe version is hex `FFCC66`. The color can be described as light muted yellow. A complement of this color would be `4283594737`, and the grayscale version is `4291480266`.

A 20% lighter version of the original color is `4294967176`, and `4290090518` is the 20% darker color. If you saturate the color by 10%, you get `4294035002`, and if you desaturate by 10%, it is `4294038122`.

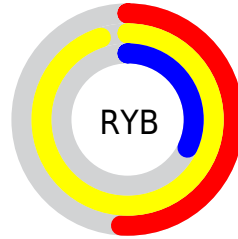
# Distribution



Red (95%)

Green (80%)

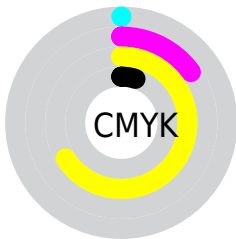
Blue (32%)



Red (51%)

Yellow (95%)

Blue (32%)

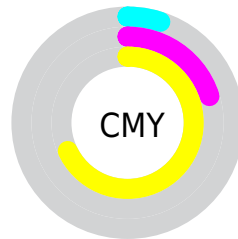


Cyan (0%)

Magenta (15%)

Yellow (66%)

Black (5%)



Cyan (5%)

Magenta (20%)

















Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294036562 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 4294036562 by changing the saturation by 10% instead.



 4294036562	 4294036562
4294967295	 4292063542
 4294967176	 4290090518
 4294967204	 4288183552
 4294967232	 4286342144
 4294967261	 4284500992
 4294967291	 4282725888
	 4281016576
	 4279307008
	 4278190080

4294036562

4294036562

4294035002

4294038122

4294033698

4294039426

4294032138

4294040986

4294031616

4294042290

4294043851

4294045411

4294046715

4294048255

4294049535

# Harmonies

## Analogous

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



4294948456



4294036562



4290108771

# Triad

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



4294036562



4278250751



4294945023

# Complementary

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



4294036562



4283594737

# 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.



4292001791



4294036562



4278248959

# Square

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



4294036562



4278250957



4283815679



4294941650

# Rectangle

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



4294036562



4286899583



4283815679



4294946815

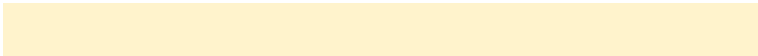


# Sweetspot

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



4294036562



4294964172



4294005367



4286609505



4278190080



4286611584



# Same Dimension

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



4294036562



4294955062



4291293522



4286084460



4290284800



4281871104



# Inverse Universe

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



4283594737



4281754879



4286337777



4285296504



4278201272



4278193464



# Previews

## White Background



This preview shows how the Android color 4294036562 looks on a white background.

## Color Contrast Check

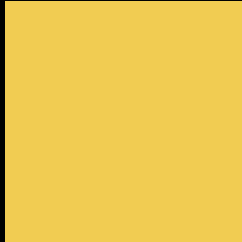
Large Text (above 18pt) WCAG AA × Fail

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 4294036562 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 4294036562 Background



This preview shows how black text looks on a background with the Android color 4294036562.

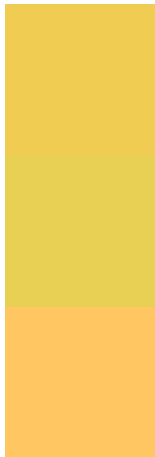


This preview shows how white text looks on a background with the Android color 4294036562.

# 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**  
4294036562

**Protanopia**  
4293382227

**Deuteranopia**  
4294952545



**Tritanopia**  
4294688718

# Trichromacy



**Original Color**  
4294036562

**Protanomaly**  
4293644115

**Deuteranomaly**  
4294625372

**Tritanomaly**  
4294427809

# Monochromacy



**Original Color**  
4294036562

**Achromatopsia**  
4291414473

**Achromatomaly**  
4292397726

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294036562 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(241, 204, 82)` looks like.

```
.text, #text, p{  
    color:rgb(241, 204, 82)  
}
```

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(241, 204, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 204, 82) }
```

## Border

The CSS property to change the border of an element to Android 4294036562 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(241, 204, 82) }
```

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

```
.border{ border-color:rgb(241, 204, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 204, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 204, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 204, 82);  
box-shadow:4px 4px 4px 4px rgb(241, 204,  
82) }
```

# Background

The CSS property to change the background color of an element to Android 4294036562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 204, 82) }
```

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

```
.background{ background-color: rgb(241,  
204, 82) }
```

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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