

# Converting Colors

Android(4284703730)

Have a look what the booklet for  
Android(4284703730) contains.

<b>Android(4284703730)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4284703730)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6363F2
RGB	99, 99, 242
RGB Percent	39%, 39%, 95%
CMY	0.6118, 0.6118, 0.0510
CMYK	0.59, 0.59, 0.00, 0.05
HSL	240°, 85%, 67%
HSV	240°, 59%, 95%
XYZ	25.6344, 17.9871, 86.1252
YIQ	115.3020, -45.9030, 44.4730

# Conversions

## Conversions Part 2

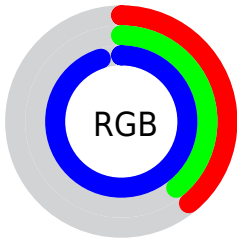
Format	Color
R <sub>Y</sub> B	99, 99, 242
Decimal	6513650
CIE Lab	49.48, 40.80, -72.07
CIE LCh	49, 82.816, 299.518
Yxy	17.9871, 0.1976, 0.1386
Android (android.graphics.Color)	4284703730 (0xFF6363F2)
YUV	115.3020, 62.4621, -14.2969
Hunter-Lab	42.4112, 33.6703, -90.7133

# Details

The Android color `4284703730` is a light color, and the websafe version is hex `6666FF`. A complement of this color would be `4294111843`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4288780031`, and `4278924473` is the 20% darker color. If you saturate the color by 10%, you get `4283124722`, and if you desaturate by 10%, it is `4286282738`.

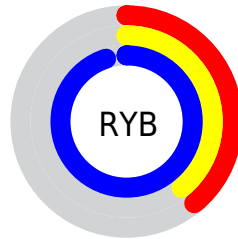
# Distribution



Red (39%)

Green (39%)

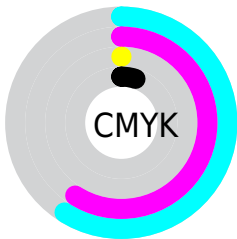
Blue (95%)



Red (39%)

Yellow (39%)

Blue (95%)

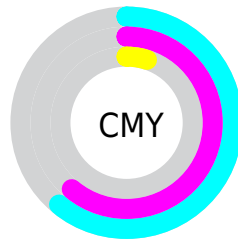


Cyan (59%)

Magenta (59%)

Yellow (0%)

Black (5%)



Cyan (61%)

Magenta (61%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284703730 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 4284703730 by changing the saturation by 10% instead.



 4284703730

 4284703730

4294967295

 4282469333

 4288780031

 4278924473

 4290753023

 4278198173

 4292791551

 4278193282

 4294830591

 4278190184

 4278192719

 4278191415

 4278190625

 4278190085

■ 4284703730

■ 4284703730

■ 4283124722

■ 4286282738

■ 4281545714

■ 4287861746

■ 4279900914

■ 4289506546

■ 4278321906

■ 4291085554

■ 4278190322

■ 4292664562

■ 4294243570

■ 4294967282

# Harmonies

## Analogous

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



4278223103



4284703730



4291113918

# Triad

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



4284703730



4291121920



4278227571

# Complementary

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



4284703730



4294111843

# 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.



4278226469



4284703730



4287656704

# Square

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



4284703730



4293270581



4282942720



4278227642

# Rectangle

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



4284703730



4293066897



4282942720



4278227290



# Sweetspot

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



4284703730



4291940863



4284740338



4284703616



4278190080



4286611584



# Same Dimension

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



4284703730



4283058943



4289422322



4285295736



4278190264



4278190136



# Inverse Universe

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



4294075378



4294920959



4289458787



4286082168



4290248888

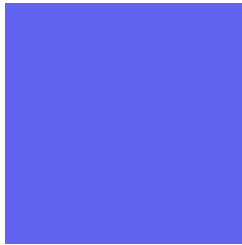


4281860152



# Previews

## White Background



This preview shows how the Android color 4284703730 looks on a white background.

## Color Contrast Check

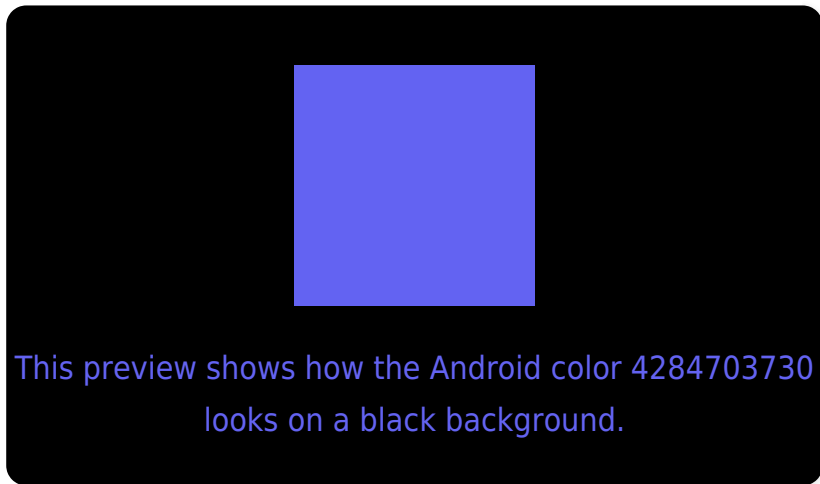
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × 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 × Fail

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



# Android 4284703730 Background



This preview shows how black text looks on a background with the Android color 4284703730.



This preview shows how white text looks on a background with the Android color 4284703730.

# 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



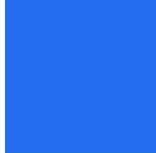


# Trichromacy



**Original Color**

4284703730



**Protanomaly**

4280577264



**Deuteranomaly**

4280578268



**Tritanomaly**

4282807728

# Monochromacy



**Original Color**

4284703730



**Achromatopsia**

4285756275



**Achromatomaly**

4285361569

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284703730 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(99, 99, 242)` looks like.

```
.text, #text, p{  
    color:rgb(99, 99, 242)  
}
```

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(99, 99, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 99, 242) }
```

## Border

The CSS property to change the border of an element to Android 4284703730 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(99, 99, 242) }
```

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

```
.border{ border-color:rgb(99, 99, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 99, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 99, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 99, 242);  
box-shadow:4px 4px 4px 4px rgb(99, 99,  
242) }
```

# Background

The CSS property to change the background color of an element to Android 4284703730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 99, 242) }
```

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

```
.background{ background-color: rgb(99, 99,  
242) }
```

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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