

# Converting Colors

Android(4284373684)

Have a look what the booklet for  
Android(4284373684) contains.

<b>Android(4284373684)</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(4284373684)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5E5AB4
RGB	94, 90, 180
RGB Percent	37%, 35%, 71%
CMY	0.6314, 0.6471, 0.2941
CMYK	0.48, 0.50, 0.00, 0.29
HSL	243°, 38%, 53%
HSV	243°, 50%, 71%
XYZ	16.5105, 12.9873, 44.8166
YIQ	101.4560, -26.5060, 28.8380

# Conversions

## Conversions Part 2

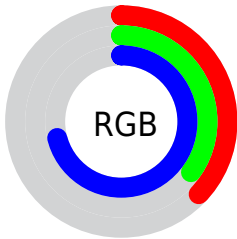
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 90, 180
Decimal	6183604
CIE <sub>Lab</sub>	42.74, 25.78, -47.49
CIE <sub>LCh</sub>	43, 54.034, 298.491
Yxy	12.9873, 0.2222, 0.1748
Android (android.graphics.Color)	4284373684 (0xFF5E5AB4)
YUV	101.4560, 38.7222, -6.5389
Hunter-Lab	36.0379, 18.7120, -48.5063

# Details

The Android color `4284373684` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4289770586`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4287991020`, and `4280560766` is the 20% darker color. If you saturate the color by 10%, you get `4283254964`, and if you desaturate by 10%, it is `4285492404`.

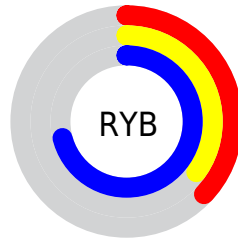
# Distribution



Red (37%)

Green (35%)

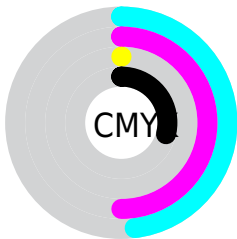
Blue (71%)



Red (37%)

Yellow (35%)

Blue (71%)

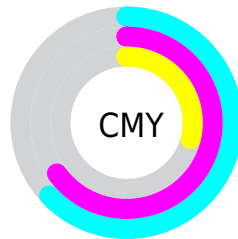


Cyan (48%)

Magenta (50%)

Yellow (0%)

Black (29%)



Cyan (63%)

Magenta (65%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284373684 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 4284373684 by changing the saturation by 10% instead.





4284373684



4284373684

4294967295



4282532761



4287991020



4280560766



4289832959



4278196325



4291740415



4278190156



4293648127



4278191413



4294966015



4278190623



4278190081



4278190080



4284373684



4284373684

■ 4283254964

■ 4285492404

■ 4282136244

■ 4286611124

■ 4280951988

■ 4287795380

■ 4279833268

■ 4288914100

■ 4278714548

■ 4290032820

■ 4291151540

■ 4292270260

■ 4293454516

■ 4294573236

# Harmonies

## Analogous

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



4278217663



4284373684



4288169108

# Triad

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



4284373684



4288499732



4278221153

# Complementary

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



4284373684



4289770586

# 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.



4278220339



4284373684



4286341632

# Square

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



4284373684



4289805373



4283461379



4278221198

# Rectangle

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



4284373684



4289476728



4283461379



4278220882



# Sweetspot

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



4284373684



4291413995



4284133812



4284571765



4294309365



4285887861



# Same Dimension

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



4284373684



4284767979



4287257268



4283519065



4278648985



4278255642



# Inverse Universe

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



4290009776



4293615332



4286887002



4284043353



4288217234



4279894040



# Previews

## White Background



This preview shows how the Android color 4284373684 looks on a white background.

## Color Contrast Check

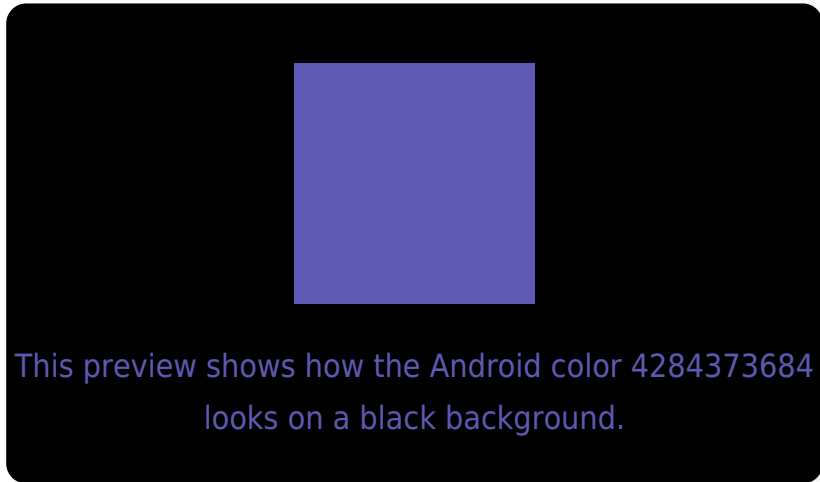
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4284373684 Background



This preview shows how black text looks on a background with the Android color 4284373684.



This preview shows how white text looks on a background with the Android color 4284373684.

# 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**

4284373684

**Protanomaly**

4282671033

**Deuteranomaly**

4281885362

**Tritanomaly**

4283589770

# Monochromacy



**Original Color**

4284373684

**Achromatopsia**

4284835173

**Achromatomaly**

4284637570

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284373684 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(94, 90, 180)` looks like.

```
.text, #text, p{  
    color:rgb(94, 90, 180)  
}
```

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(94, 90, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 90, 180) }
```

## Border

The CSS property to change the border of an element to Android 4284373684 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(94, 90, 180) }
```

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

```
.border{ border-color:rgb(94, 90, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 90, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 90, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 90, 180);  
box-shadow:4px 4px 4px 4px rgb(94, 90,  
180) }
```

# Background

The CSS property to change the background color of an element to Android 4284373684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 90, 180) }
```

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

```
.background{ background-color: rgb(94, 90,  
180) }
```

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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