

# Converting Colors

Android(4283584137)

Have a look what the booklet for  
Android(4283584137) contains.

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# Color

**Android(4283584137)**

# Conversions

## Conversions Part 1

Format	Color
Hex	524E89
RGB	82, 78, 137
RGB Percent	32%, 31%, 54%
CMY	0.6784, 0.6941, 0.4627
CMYK	0.40, 0.43, 0.00, 0.46
HSL	244°, 27%, 42%
HSV	244°, 43%, 54%
XYZ	10.7194, 9.0488, 24.8485
YIQ	85.9220, -16.5550, 19.1970

# Conversions

## Conversions Part 2

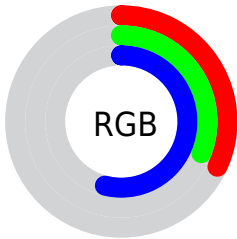
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 78, 137
Decimal	5394057
CIE <sub>Lab</sub>	36.08, 17.10, -32.43
CIE <sub>LCh</sub>	36, 36.662, 297.800
Yxy	9.0488, 0.2403, 0.2028
Android (android.graphics.Color)	4283584137 (0xFF524E89)
YUV	85.9220, 25.1815, -3.4396
Hunter-Lab	30.0812, 10.9665, -27.9197

# Details

The Android color `4283584137` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4286941518`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4287004607`, and `4280230487` is the 20% darker color. If you saturate the color by 10%, you get `4282728585`, and if you desaturate by 10%, it is `4284439689`.

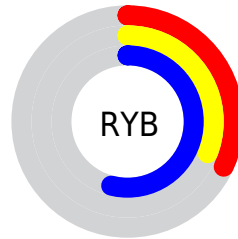
# Distribution



Red (32%)

Green (31%)

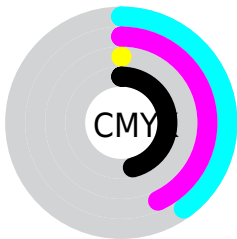
Blue (54%)



Red (32%)

Yellow (31%)

Blue (54%)

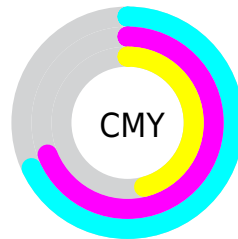


Cyan (40%)

Magenta (43%)

Yellow (0%)

Black (46%)



Cyan (68%)

Magenta (69%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283584137 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 4283584137 by changing the saturation by 10% instead.





4283584137



4283584137

4294967295



4281939823



4287004607



4280230487



4288780763



4278324543



4290557175



4278190889



4292464639



4278190354



4294307071



4278190080



4283584137



4283584137



4282728585



4284439689



4281873289



4285294985

■ 4281083273

■ 4286085001

■ 4280227721

■ 4286940553

■ 4279372425

■ 4287796105

■ 4278780041

■ 4288651401

■ 4289441417

■ 4290296969

■ 4291152265

# Harmonies

## Analogous

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



4278213008



4283584137



4286005877

# Triad

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



4283584137



4286400291



4278215506

# Complementary

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



4283584137



4286941518

# 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.



4280443188



4283584137



4284961558

# Square

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



4283584137



4287249723



4283063069



4278215535

# Rectangle

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



4283584137



4286856290



4283063069



4278215239



# Sweetspot

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



4283584137



4288519091



4283336073



4283190105



4292467161



4284045657



# Same Dimension

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



4283584137



4284241587



4285484681



4282269253



4278780037



4278190085



# Inverse Universe

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



4287188613



4289943212



4285040974



4282728004



4286906492



4278517765



# Previews

## White Background



This preview shows how the Android color 4283584137 looks on a white background.

## Color Contrast Check

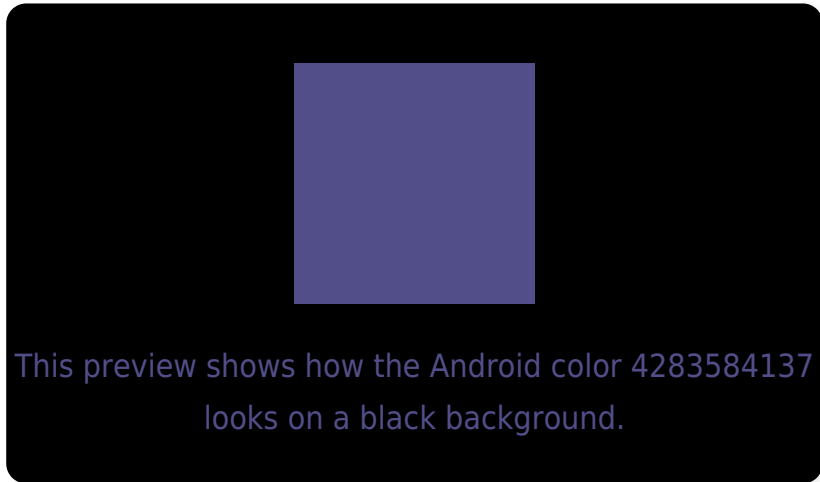
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

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



# Android 4283584137 Background



This preview shows how black text looks on a background with the Android color 4283584137.



This preview shows how white text looks on a background with the Android color 4283584137.

# 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**  
4283584137

**Protanopia**  
4282209166

**Deuteranopia**  
4281881991



# Trichromacy



**Original Color**  
4283584137

**Protanomaly**  
4282732940

**Deuteranomaly**  
4282471048

**Tritanomaly**  
4283192430

# Monochromacy



**Original Color**  
4283584137

**Achromatopsia**  
4283848278

**Achromatomaly**  
4283781993

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283584137 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(82, 78, 137)` looks like.

```
.text, #text, p{  
    color:rgb(82, 78, 137)  
}
```

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(82, 78, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 78, 137) }
```

## Border

The CSS property to change the border of an element to Android 4283584137 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(82, 78, 137) }
```

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

```
.border{ border-color:rgb(82, 78, 137) }
```

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

Here you see how a box with a 4 pixel rgb(82, 78, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 78, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 78, 137);  
box-shadow:4px 4px 4px 4px rgb(82, 78,  
137) }
```

# Background

The CSS property to change the background color of an element to Android 4283584137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 78, 137) }
```

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

```
.background{ background-color: rgb(82, 78,  
137) }
```

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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