

Converting Colors

Android(4283654637)

Have a look what the booklet for
Android(4283654637) contains.

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Color

Android(4283654637)

Conversions

Conversions Part 1

Format	Color
Hex	5361ED
RGB	83, 97, 237
RGB Percent	33%, 38%, 93%
CMY	0.6745, 0.6196, 0.0706
CMYK	0.65, 0.59, 0.00, 0.07
HSL	235°, 81%, 63%
HSV	235°, 65%, 93%
XYZ	23.1280, 16.5028, 82.0871
YIQ	108.7740, -53.2840, 40.5720

Conversions

Conversions Part 2

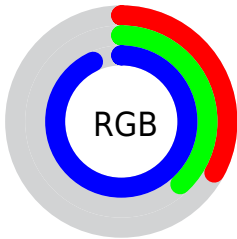
Format	Color
R_{YB}	83, 96, 237
Decimal	5464557
CIE _{Lab}	47.63, 37.90, -72.32
CIE _{LCh}	48, 81.653, 297.655
Yxy	16.5028, 0.1900, 0.1356
Android (android.graphics.Color)	4283654637 (0xFF5361ED)
YUV	108.7740, 63.2154, -22.6038
Hunter-Lab	40.6237, 30.5330, -91.3692

Details

The Android color `4283654637` is a dark color, and the websafe version is hex `6666FF`. The color can be described as middle muted azure. A complement of this color would be `4293779283`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4287862015`, and `4278203316` is the 20% darker color. If you saturate the color by 10%, you get `4282076141`, and if you desaturate by 10%, it is `4285233133`.

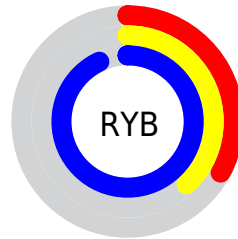
Distribution



Red (33%)

Green (38%)

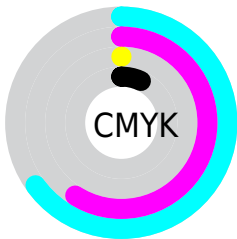
Blue (93%)



Red (33%)

Yellow (38%)

Blue (93%)

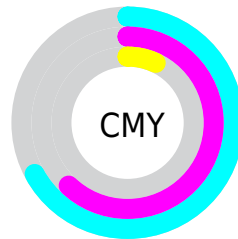


Cyan (65%)

Magenta (59%)

Yellow (0%)

Black (7%)



Cyan (67%)

Magenta (62%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283654637 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 4283654637 by changing the saturation by 10% instead.

 4283654637

 4283654637

4294967295


 4281027024

 4287862015

 4278203316

 4289900287

 4278197912

 4291939071

 4278193534

 4293912319

 4278190180

 4278192459

 4278191155

 4278190621

 4278190080

■ 4283654637

■ 4283654637

■ 4282076141

■ 4285233133

■ 4280563437

■ 4286745837

■ 4278984941

■ 4288324333

■ 4278195949

■ 4289902573

■ 4291415533

■ 4292993773

■ 4294572269

■ 4294967277

Harmonies

Analogous

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



4278222077



4283654637



4290458300

Triad

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



4283654637



4290857984



4278226025

Complementary

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



4283654637



4293779283

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.



4278224924



4283654637



4287589632

Square

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



4283654637



4292874038



4283072256



4278226352

Rectangle

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



4283654637



4292477072



4283072256



4278225745

Sweetspot

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



4283654637



4291810303



4283690462



4284638592



4278190080



4286611584

Same Dimension

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



4283654637



4281879295



4287714285



4285164405



4278194357



4278191414

Inverse Universe

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



4293743457



4294916170



4289719635



4285885035



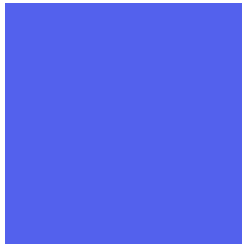
4290052112



4281729029

Previews

White Background



This preview shows how the Android color 4283654637 looks on a white background.

Color Contrast Check

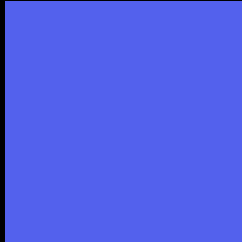
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4283654637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

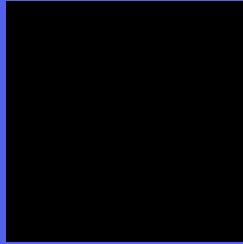
Any Text WCAG AA × Fail

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 4283654637 Background



This preview shows how black text looks on a background with the Android color 4283654637.

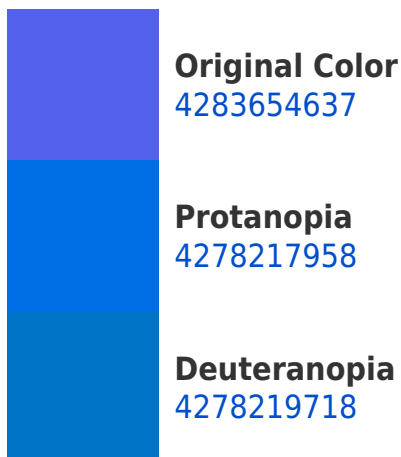


This preview shows how white text looks on a background with the Android color 4283654637.

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
4283654637

Protanomaly
4280183017

Deuteranomaly
4280184020

Tritanomaly
4280185772

Monochromacy



Original Color
4283654637

Achromatopsia
4285361517

Achromatomaly
4284770716

CSS Examples

Text

The CSS property to change the color of the text to Android 4283654637 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(83, 97, 237)` looks like.

```
.text, #text, p{  
    color:rgb(83, 97, 237)  
}
```

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(83, 97, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 97, 237) }
```

Border

The CSS property to change the border of an element to Android 4283654637 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(83, 97, 237) }
```

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

```
.border{ border-color:rgb(83, 97, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 97, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 97, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 97, 237);  
box-shadow:4px 4px 4px 4px rgb(83, 97,  
237) }
```

Background

The CSS property to change the background color of an element to Android 4283654637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 97, 237) }
```

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

```
.background{ background-color: rgb(83, 97,  
237) }
```

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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