

# Converting Colors

Android(4281687807)

Have a look what the booklet for  
Android(4281687807) contains.

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# Color

**Android(4281687807)**

# Conversions

## Conversions Part 1

Format	Color
Hex	355EFF
RGB	53, 94, 255
RGB Percent	21%, 37%, 100%
CMY	0.7922, 0.6314, 0.0000
CMYK	0.79, 0.63, 0.00, 0.00
HSL	228°, 100%, 60%
HSV	228°, 79%, 100%
XYZ	23.5209, 15.9823, 96.4529
YIQ	100.0950, -76.1170, 41.3790

# Conversions

## Conversions Part 2

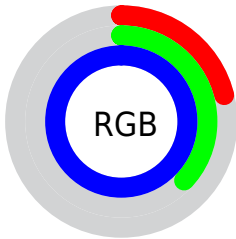
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 87, 255
Decimal	3497727
CIE <sub>Lab</sub>	46.95, 42.57, -83.54
CIE <sub>LCh</sub>	47, 93.764, 297.002
Yxy	15.9823, 0.1730, 0.1176
Android (android.graphics.Color)	4281687807 (0xFF355EFF)
YUV	100.0950, 76.3682, -41.3023
Hunter-Lab	39.9779, 35.0589, -115.0621

# Details

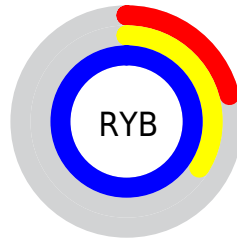
The Android color `4281687807` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4294956597`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4286812415`, and `4278202821` is the 20% darker color. If you saturate the color by 10%, you get `4279978751`, and if you desaturate by 10%, it is `4283396863`.

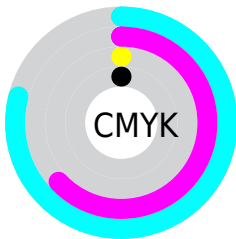
# Distribution



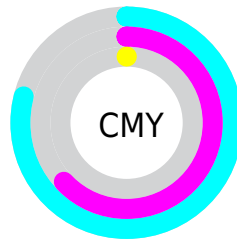
- Red (21%)
- Green (37%)
- Blue (100%)



- Red (21%)
- Yellow (34%)
- Blue (100%)



- Cyan (79%)
- Magenta (63%)
- Yellow (0%)
- Black (0%)




- Cyan (79%)
- Magenta (63%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281687807 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 4281687807 by changing the saturation by 10% instead.



 4281687807

 4281687807

4294967295

 4278208482

 4286812415

 4278202821

 4288982015

 4278197673

 4291086079

 4278193549

 4293190399

 4278190195

 4278193497

 4278191937

 4278190890

 4278190356

■ 4281687807

■ 4281687807

■ 4279978751

■ 4283396863

■ 4278334975

■ 4285040639

■ 4278203647

■ 4286749695

■ 4288393215

■ 4290036991

■ 4291746047

■ 4293455103

4294967295

# Harmonies

## Analogous

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



4278222591



4281687807



4290843847

# Triad

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



4281687807



4291313920



4278226277

# Complementary

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



4281687807



4294956597

# 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.



4278224896



4281687807



4287588864

# Square

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



4281687807



4293656622



4282351360



4278226614

# Rectangle

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



4281687807



4293197973



4282351360



4278225993



# Sweetspot

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



4281687807



4290957055



4281728979



4284179072



4278190080



4286611584



# Same Dimension

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



4281687807



4279058175



4285412863



4285756800



4278200255



4278193472



# Inverse Universe

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



4294915422



4294905150



4291231541



4286608245



4290707495



4282384397



# Previews

## White Background



This preview shows how the Android color 4281687807 looks on a white background.

## Color Contrast Check

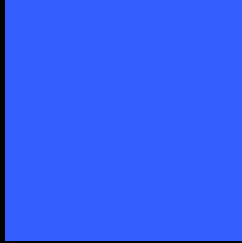
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281687807 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 4281687807 Background



This preview shows how black text looks on a background with the Android color 4281687807.



This preview shows how white text looks on a background with the Android color 4281687807.

# 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**  
4281687807

**Protanopia**  
4278217441

**Deuteranopia**  
4278219201



# Trichromacy



**Original Color**  
4281687807

**Protanomaly**  
4279461612

**Deuteranomaly**  
4279462616

**Tritanomaly**  
4279464111

# Monochromacy



**Original Color**  
4281687807

**Achromatopsia**  
4284769380

**Achromatomaly**  
4283654812

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281687807 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(53, 94, 255)` looks like.

```
.text, #text, p{  
    color:rgb(53, 94, 255)  
}
```

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(53, 94, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 94, 255) }
```

## Border

The CSS property to change the border of an element to Android 4281687807 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(53, 94, 255) }
```

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

```
.border{ border-color:rgb(53, 94, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 94, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 94, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 94, 255);  
box-shadow:4px 4px 4px 4px rgb(53, 94,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4281687807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 94, 255) }
```

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

```
.background{ background-color: rgb(53, 94,  
255) }
```

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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