

# Converting Colors

Android(4281687252)

Have a look what the booklet for  
Android(4281687252) contains.

<b>Android(4281687252)</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(4281687252)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	355CD4
RGB	53, 92, 212
RGB Percent	21%, 36%, 83%
CMY	0.7922, 0.6392, 0.1686
CMYK	0.75, 0.57, 0.00, 0.17
HSL	225°, 65%, 52%
HSV	225°, 75%, 83%
XYZ	17.1790, 13.1646, 63.9230
YIQ	94.0190, -61.7640, 29.0520

# Conversions

## Conversions Part 2

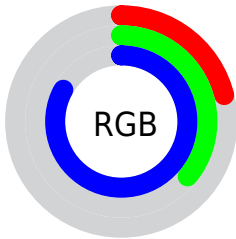
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 84, 212
Decimal	3497172
CIE <sub>Lab</sub>	43.01, 28.34, -65.73
CIE <sub>LCh</sub>	43, 71.576, 293.328
Yxy	13.1646, 0.1822, 0.1397
Android (android.graphics.Color)	4281687252 (0xFF355CD4)
YUV	94.0190, 58.1646, -35.9737
Hunter-Lab	36.2831, 21.0192, -79.0579

# Details

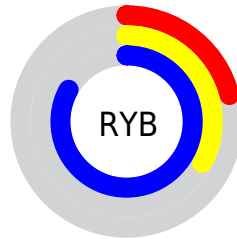
The Android color `4281687252` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted blue. A complement of this color would be `4292128053`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4286156543`, and `4278202268` is the 20% darker color. If you saturate the color by 10%, you get `4280306900`, and if you desaturate by 10%, it is `4283067604`.

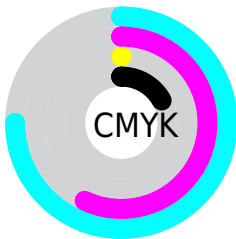
# Distribution



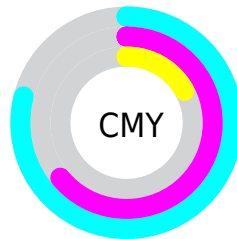
- Red (21%)
- Green (36%)
- Blue (83%)



- Red (21%)
- Yellow (33%)
- Blue (83%)



- Cyan (75%)
- Magenta (57%)
- Yellow (0%)
- Black (17%)



- Cyan (79%)
- Magenta (64%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281687252 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 4281687252 by changing the saturation by 10% instead.



■ 4281687252

■ 4281687252

4294967295

■ 4278207928

■ 4286156543

■ 4278202268

■ 4288194815

■ 4278197378

■ 4290167807

■ 4278191720

■ 4292206591

■ 4278192719

■ 4294180095

■ 4278191415

■ 4278190624

■ 4278190085

■ 4278190080

■ 4281687252

■ 4281687252

■ 4280306900

■ 4283067604

■ 4278926548

■ 4284447956

■ 4278203604

■ 4285893844

■ 4287274196

■ 4288654548

■ 4290034900

■ 4291415252

■ 4292861140

■ 4294241492

# Harmonies

## Analogous

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



4278219229



4281687252



4288559533

# Triad

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



4281687252



4289806848



4278222166

# Complementary

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



4281687252



4292128053

# 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.



4278221074



4281687252



4287061760

# Square

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



4281687252



4291302715



4283396096



4278222483

# Rectangle

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



4281687252



4290517129



4283396096



4278221889



# Sweetspot

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



4281687252



4291089407



4281717932



4284245376



4278190080



4286611584



# Same Dimension

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



4281687252



4279849727



4284298708



4284506987



4278201003



4278192939



# Inverse Universe

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



4292097372



4294908242



4289516597



4285227107



4289396778



4281008139



# Previews

## White Background



This preview shows how the Android color 4281687252 looks on a white background.

## Color Contrast Check

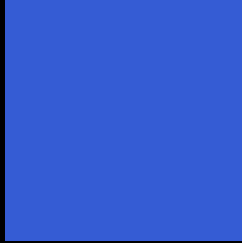
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281687252 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 4281687252 Background



This preview shows how black text looks on a background with the Android color 4281687252.



This preview shows how white text looks on a background with the Android color 4281687252.

# 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**

4281687252

**Protanopia**

4278215119

**Deuteranopia**

4278216626



# Trichromacy



**Original Color**  
4281687252

**Protanomaly**  
4279459793

**Deuteranomaly**  
4279460798

**Tritanomaly**  
4279462297

# Monochromacy



**Original Color**  
4281687252

**Achromatopsia**  
4284374622

**Achromatomaly**  
4283391369

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281687252 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, 92, 212)` looks like.

```
.text, #text, p{  
    color:rgb(53, 92, 212)  
}
```

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, 92, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 92, 212) }
```

## Border

The CSS property to change the border of an element to Android 4281687252 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, 92, 212) }
```

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

```
.border{ border-color:rgb(53, 92, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 92, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 92, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 92, 212);  
box-shadow:4px 4px 4px 4px rgb(53, 92,  
212) }
```

# Background

The CSS property to change the background color of an element to Android 4281687252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 92, 212) }
```

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

```
.background{ background-color: rgb(53, 92,  
212) }
```

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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