

# Converting Colors

Android(4281352681)

Have a look what the booklet for  
Android(4281352681) contains.

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# Color

**Android(4281352681)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3041E9
RGB	48, 65, 233
RGB Percent	19%, 25%, 91%
CMY	0.8118, 0.7451, 0.0863
CMYK	0.79, 0.72, 0.00, 0.09
HSL	234°, 81%, 55%
HSV	234°, 79%, 91%
XYZ	17.8172, 10.2922, 78.1383
YIQ	79.0690, -64.0600, 48.6440

# Conversions

## Conversions Part 2

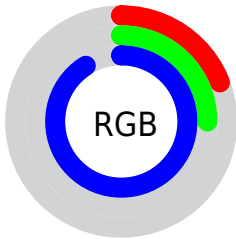
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	48, 64, 233
Decimal	3162601
CIE <sub>Lab</sub>	38.36, 51.84, -85.33
CIE <sub>LCh</sub>	38, 99.844, 301.278
Yxy	10.2922, 0.1677, 0.0969
Android (android.graphics.Color)	4281352681 (0xFF3041E9)
YUV	79.0690, 75.8880, -27.2475
Hunter-Lab	32.0814, 42.9919, -121.9513

# Details

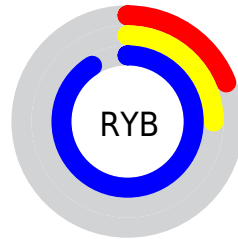
The Android color `4281352681` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4293515312`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4286411519`, and `4278195376` is the 20% darker color. If you saturate the color by 10%, you get `4279839977`, and if you desaturate by 10%, it is `4282865385`.

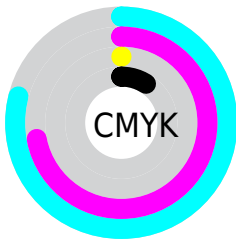
# Distribution



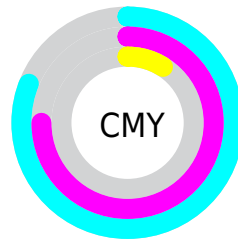
- Red (19%)
- Green (25%)
- Blue (91%)



- Red (19%)
- Yellow (25%)
- Blue (91%)



- Cyan (79%)
- Magenta (72%)
- Yellow (0%)
- Black (9%)



- Cyan (81%)
- Magenta (75%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281352681 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 4281352681 by changing the saturation by 10% instead.



 4281352681

 4281352681

4294967295

 4278201036

 4286411519

 4278195376

 4288580863

 4278190740

 4290684927

 4278190201

 4292723455

 4278193503

 4294827775

 4278192199

 4294966271

 4278191151

 4278190361

 4278190080

■ 4281352681

■ 4281352681

■ 4279839977

■ 4282865385

■ 4278261737

■ 4284443625

■ 4278195689

■ 4285956329

■ 4287469289

■ 4289047529

■ 4290560233

■ 4292072937

■ 4293585641

■ 4294967273

# Harmonies

## Analogous

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



4278216703



4281352681



4290117802

# Triad

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



4281352681



4289277440



4278220380

# Complementary

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



4281352681



4293515312

# 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.



4278219520



4281352681



4285290752

# Square

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



4281352681



4291952651



4278217472



4278220718

# Rectangle

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



4281352681



4292149366



4278217472



4278220095



# Sweetspot

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



4281352681



4290955263



4281395670



4284178048



4278190080



4286611584



# Same Dimension

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



4281352681



4279051263



4286197993



4285164405



4278194613



4278191414



# Inverse Universe

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



4293472321



4294905123



4288670000



4285885035



4290052113



4281729029



# Previews

## White Background



This preview shows how the Android color 4281352681 looks on a white background.

## Color Contrast Check

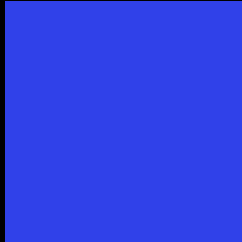
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281352681 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

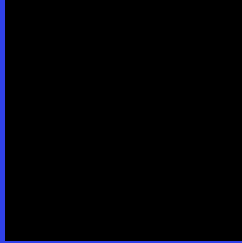
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281352681 Background



This preview shows how black text looks on a background with the Android color 4281352681.



This preview shows how white text looks on a background with the Android color 4281352681.

# 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**

4281352681

**Protanopia**

4278212278

**Deuteranopia**

4278213787



# Trichromacy



**Original Color**  
4281352681

**Protanomaly**  
4279324361

**Deuteranomaly**  
4279325367

**Tritanomaly**  
4279326616

# Monochromacy



**Original Color**  
4281352681

**Achromatopsia**  
4283387727

**Achromatomaly**  
4282665607

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281352681 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(48, 65, 233)` looks like.

```
.text, #text, p{  
    color:rgb(48, 65, 233)  
}
```

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(48, 65, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 65, 233) }
```

## Border

The CSS property to change the border of an element to Android 4281352681 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(48, 65, 233) }
```

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

```
.border{ border-color:rgb(48, 65, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 65, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 65, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 65, 233);  
box-shadow:4px 4px 4px 4px rgb(48, 65,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4281352681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 65, 233) }
```

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

```
.background{ background-color: rgb(48, 65,  
233) }
```

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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