

# Converting Colors

Android(4281235711)

Have a look what the booklet for  
Android(4281235711) contains.

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# Color

**Android(4281235711)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2E78FF
RGB	46, 120, 255
RGB Percent	18%, 47%, 100%
CMY	0.8196, 0.5294, 0.0000
CMYK	0.82, 0.53, 0.00, 0.00
HSL	219°, 100%, 59%
HSV	219°, 82%, 100%
XYZ	25.8932, 21.2338, 97.3416
YIQ	113.2640, -87.4390, 26.2970

# Conversions

## Conversions Part 2

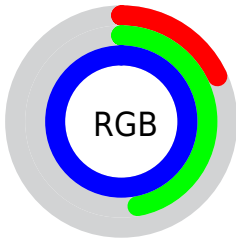
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	46, 101, 255
Decimal	3045631
CIE Lab	53.20, 25.83, -73.35
CIE LCh	53, 77.767, 289.403
Yxy	21.2338, 0.1792, 0.1470
Android (android.graphics.Color)	4281235711 (0xFF2E78FF)
YUV	113.2640, 69.8758, -58.9905
Hunter-Lab	46.0801, 19.6619, -92.9905

# Details

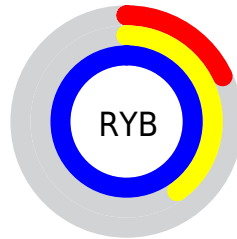
The Android color `4281235711` is a dark color, and the websafe version is hex `0066FF`. The color can be described as middle washed azure. A complement of this color would be `4294948142`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4286491903`, and `4278208965` is the 20% darker color. If you saturate the color by 10%, you get `4279593215`, and if you desaturate by 10%, it is `4282943743`.

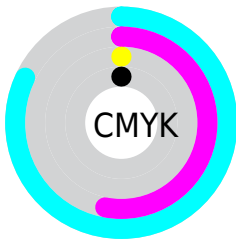
# Distribution



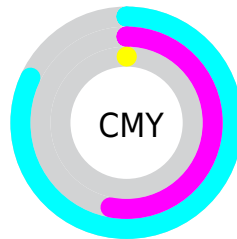
- Red (18%)
- Green (47%)
- Blue (100%)



- Red (18%)
- Yellow (40%)
- Blue (100%)



- Cyan (82%)
- Magenta (53%)
- Yellow (0%)
- Black (0%)



- Cyan (82%)
- Magenta (53%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281235711 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 4281235711 by changing the saturation by 10% instead.





4281235711



4281235711

4294967295



4278214882



4286491903



4278208965



4288661503



4278203561



4290765567



4278198670



4292804607



4278193524

4294901759



4278193498



4278191937



4278190890



4278190357

■ 4281235711

■ 4281235711

■ 4279593215

■ 4282943743

■ 4278213375

■ 4284586495

■ 4286294527

■ 4287937279

■ 4289645311

■ 4291288063

■ 4292996095

■ 4294638847

4294967295

# Harmonies

## Analogous

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



4278226687



4281235711



4290139607

# Triad

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



4281235711



4292563730



4278229604

# Complementary

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



4281235711



4294948142

# 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.



4278228248



4281235711



4289623040

# Square

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



4281235711



4293995607



4285630720



4278230186

# Rectangle

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



4281235711



4292622512



4285630720



4278229325



# Sweetspot

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



4281235711



4290762495



4281270194



4284049280



4278190080



4286611584



# Same Dimension

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



4281235711



4278542079



4283051775



4285757312



4278207679



4278196032



# Inverse Universe

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



4294913656



4294903134



4293132078



4286608247



4290707524



4282384407



# Previews

## White Background



This preview shows how the Android color 4281235711 looks on a white background.

## Color Contrast Check

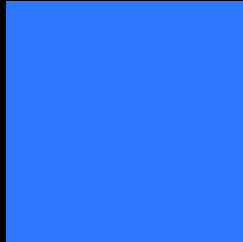
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4281235711 looks on a black 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

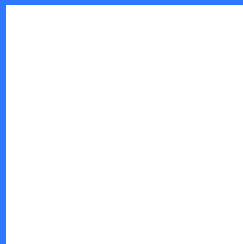
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4281235711 Background



This preview shows how black text looks on a background with the Android color 4281235711.



This preview shows how white text looks on a background with the Android color 4281235711.

# 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**

4281235711

**Protanopia**

4280056319

**Deuteranopia**

4278223327



# Trichromacy



**Original Color**  
4281235711

**Protanomaly**  
4280515071

**Deuteranomaly**  
4279336683

**Tritanomaly**  
4279338428

# Monochromacy



**Original Color**  
4281235711

**Achromatopsia**  
4285624689

**Achromatomaly**  
4284052645

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281235711 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(46, 120, 255)` looks like.

```
.text, #text, p{  
    color:rgb(46, 120, 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(46, 120, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 120, 255) }
```

## Border

The CSS property to change the border of an element to Android 4281235711 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(46, 120, 255) }
```

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

```
.border{ border-color:rgb(46, 120, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 120, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 120, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 120, 255);  
box-shadow:4px 4px 4px 4px rgb(46, 120,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4281235711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 120, 255) }
```

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

```
.background{ background-color: rgb(46, 120,  
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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