

# Converting Colors

Android(4278214382)

Have a look what the booklet for  
Android(4278214382) contains.

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# Color

**Android(4278214382)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	005EEE
RGB	0, 94, 238
RGB Percent	0%, 37%, 93%
CMY	1.0000, 0.6314, 0.0667
CMYK	1.00, 0.61, 0.00, 0.07
HSL	216°, 100%, 47%
HSV	216°, 100%, 93%
XYZ	19.4353, 14.1785, 82.6013
YIQ	82.3100, -102.2480, 24.8560

# Conversions

## Conversions Part 2

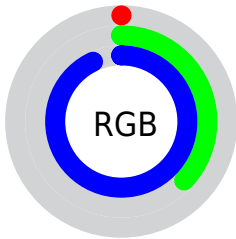
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 67, 238
Decimal	24302
CIELab	44.49, 33.85, -78.12
CIELCh	44, 85.134, 293.426
Yxy	14.1785, 0.1672, 0.1220
Android (android.graphics.Color)	4278214382 (0xFF005EEE)
YUV	82.3100, 76.7552, -72.1859
Hunter-Lab	37.6543, 26.2381, -103.7050

# Details

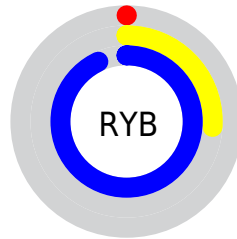
The Android color `4278214382` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark washed blue. A complement of this color would be `4293824512`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4285436159`, and `4278203061` is the 20% darker color. If you saturate the color by 10%, you get `4278214382`, and if you desaturate by 10%, it is `4279790830`.

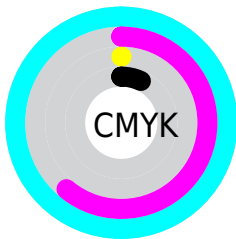
# Distribution



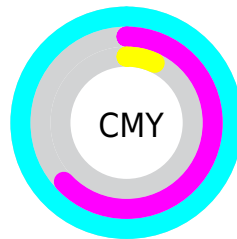
- Red (0%)
- Green (37%)
- Blue (93%)



- Red (0%)
- Yellow (26%)
- Blue (93%)



- Cyan (100%)
- Magenta (61%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (63%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278214382 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 4278214382 by changing the saturation by 10% instead.



 4278214382

 4278214382

4294967295

 4278208465

 4285436159

 4278203061

 4287605503

 4278198169

 4289775103

 4278193534

 4291813887

 4278192484

 4293918463

 4278192459

 4278191156

 4278190622

 4278190080

■ 4278214382

■ 4279790830

■ 4281367534

■ 4282878446

■ 4284455150

■ 4286031598

■ 4287608046

■ 4289184750

■ 4290695662

■ 4292272366

# Harmonies

## Analogous

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



4278221049



4278214382



4289407935

# Triad

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



4278214382



4290722560



4278223959

# Complementary

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



4278214382



4293824512

# 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.



4278222848



4278214382



4287521024

# Square

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



4278214382



4292608055



4283135488



4278224288

# Rectangle

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



4278214382



4291756179



4283135488



4278223677



# Sweetspot

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



4278214382



4289974783



4278251151



4283589760



4278190080



4286611584



# Same Dimension

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



4278214382



4278216191



4279763182



4285297016



4278208952



4278195768



# Inverse Universe

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



4293787742



4294901861



4292275712



4286082161



4290248777



4281860118



# Previews

## White Background



This preview shows how the Android color 4278214382 looks on a white background.

## Color Contrast Check

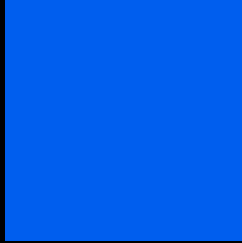
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278214382 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

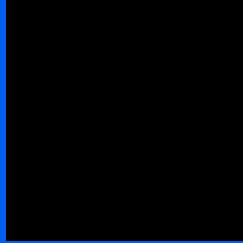
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

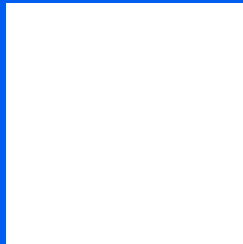
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4278214382 Background



This preview shows how black text looks on a background with the Android color 4278214382.



This preview shows how white text looks on a background with the Android color 4278214382.

# 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**

4278214382

**Protanopia**

4278216149

**Deuteranopia**

4278217655



# Trichromacy



**Original Color**  
4278214382

**Protanomaly**  
4278215390

**Deuteranomaly**  
4278216395

**Tritanomaly**  
4278217893

# Monochromacy



**Original Color**  
4278214382

**Achromatopsia**  
4283585106

**Achromatomaly**  
4281620107

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278214382 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(0, 94, 238)` looks like.

```
.text, #text, p{  
    color:rgb(0, 94, 238)  
}
```

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(0, 94, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 94, 238) }
```

## Border

The CSS property to change the border of an element to Android 4278214382 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(0, 94, 238) }
```

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

```
.border{ border-color:rgb(0, 94, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 94, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 94, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 94, 238);  
box-shadow:4px 4px 4px 4px rgb(0, 94, 238)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278214382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 94, 238) }
```

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

```
.background{ background-color: rgb(0, 94,  
238) }
```

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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