

# Converting Colors

Android(4278469887)

Have a look what the booklet for  
Android(4278469887) contains.

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# Color

**Android(4278469887)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0444FF
RGB	4, 68, 255
RGB Percent	2%, 27%, 100%
CMY	0.9843, 0.7333, 0.0000
CMYK	0.98, 0.73, 0.00, 0.00
HSL	225°, 100%, 51%
HSV	225°, 98%, 100%
XYZ	20.1672, 11.3801, 95.7414
YIQ	70.1820, -98.1710, 44.5890

# Conversions

## Conversions Part 2

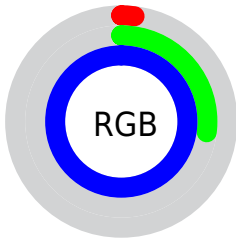
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	4, 55, 255
Decimal	279807
CIE <sub>Lab</sub>	40.21, 55.92, -94.69
CIE <sub>LCh</sub>	40, 109.968, 300.566
Y <sub>xy</sub>	11.3801, 0.1584, 0.0894
Android (android.graphics.Color)	4278469887 (0xFF0444FF)
Y <sub>UV</sub>	70.1820, 91.1153, -58.0416
Hunter-Lab	33.7343, 47.6765, -144.6568

# Details

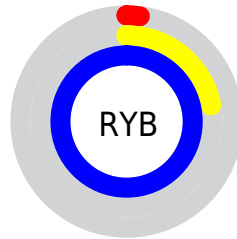
The Android color `4278469887` is a dark color, and the websafe version is hex `0033FF`. The color can be described as dark saturated blue. A complement of this color would be `4294950660`, and the grayscale version is `4282729797`.

A 20% lighter version of the original color is `4285953535`, and `4278196165` is the 20% darker color. If you saturate the color by 10%, you get `4278206975`, and if you desaturate by 10%, it is `4280113151`.

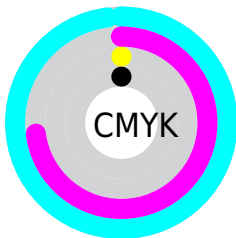
# Distribution



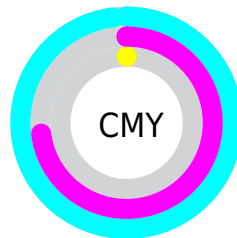
- Red (2%)
- Green (27%)
- Blue (100%)



- Red (2%)
- Yellow (22%)
- Blue (100%)



- Cyan (98%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (98%)
- Magenta (73%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278469887 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 4278469887 by changing the saturation by 10% instead.



 4278469887

 4278469887

4294967295

 4278201826

 4285953535

 4278196165

 4288253951

 4278191528

 4290423551

 4278190221

 4292593407

 4278193010

 4294697727

 4278193496

 4278191936

 4278190889

 4278190355

■ 4278469887

■ 4278469887

■ 4278206975

■ 4280113151

■ 4281821951

■ 4283530751

■ 4285174015

■ 4286882815

■ 4288526079

■ 4290169343

■ 4291878143

■ 4293586943

# Harmonies

## Analogous

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



4278218495



4278469887



4290969785

# Triad

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



4278469887



4290128128



4278221919

# Complementary

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



4278469887



4294950660

# 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.



4278221056



4278469887



4285750528

# Square

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



4278469887



4293001226



4278219008



4278222522

# Rectangle

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



4278469887



4293197951



4278219008



4278221630



# Sweetspot

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



4278469887



4289971967



4278517692



4283587968



4278190080



4286611584



# Same Dimension

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



4278469887



4278206975



4282320127



4285757056



4278202815



4278194240



# Inverse Universe

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



4294902852



4294901825



4291100420



4286608246



4290707505



4282384400



# Previews

## White Background



This preview shows how the Android color 4278469887 looks on a white background.

## Color Contrast Check

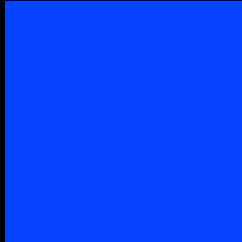
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278469887 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 4278469887 Background



This preview shows how black text looks on a background with the Android color 4278469887.



This preview shows how white text looks on a background with the Android color 4278469887.

# 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**  
4278469887

**Protanopia**  
4278213566

**Deuteranopia**  
4278215074

# Trichromacy



**Original Color**  
4278469887

**Protanomaly**  
4278277078

**Deuteranomaly**  
4278277828

# Monochromacy



**Original Color**  
4278469887

**Achromatopsia**  
4282795590

**Achromatomaly**  
4281222537

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278469887 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(4, 68, 255)` looks like.

```
.text, #text, p{  
    color:rgb(4, 68, 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(4, 68, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 68, 255) }
```

## Border

The CSS property to change the border of an element to Android 4278469887 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(4, 68, 255) }
```

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

```
.border{ border-color:rgb(4, 68, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 68, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 68, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 68, 255);  
box-shadow:4px 4px 4px 4px rgb(4, 68, 255)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278469887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 68, 255) }
```

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

```
.background{ background-color: rgb(4, 68,  
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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