

# Converting Colors

Android(4278518783)

Have a look what the booklet for  
Android(4278518783) contains.

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# Color

**Android(4278518783)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0503FF
RGB	5, 3, 255
RGB Percent	2%, 1%, 100%
CMY	0.9804, 0.9882, 0.0000
CMYK	0.98, 0.99, 0.00, 0.00
HSL	240°, 100%, 51%
HSV	240°, 99%, 100%
XYZ	18.1451, 7.3174, 95.0638
YIQ	32.3260, -79.7000, 78.7960

# Conversions

## Conversions Part 2

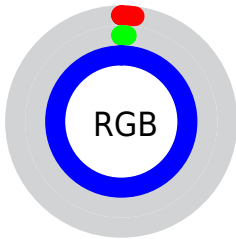
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	5, 3, 255
Decimal	328703
CIE Lab	32.52, 78.77, -107.50
CIE LCh	33, 133.270, 306.231
Yxy	7.3174, 0.1505, 0.0607
Android (android.graphics.Color)	4278518783 (0xFF0503FF)
YUV	32.3260, 109.7783, -23.9649
Hunter-Lab	27.0507, 72.3962, -189.4265

# Details

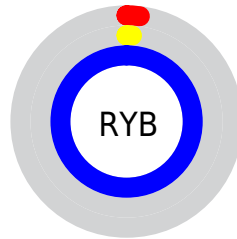
The Android color `4278518783` is a dark color, and the websafe version is hex `0000FF`. The color can be described as dark saturated blue. A complement of this color would be `4294835971`, and the grayscale version is `4280229663`.

A 20% lighter version of the original color is `4286204415`, and `4278190276` is the 20% darker color. If you saturate the color by 10%, you get `4278321407`, and if you desaturate by 10%, it is `4280163583`.

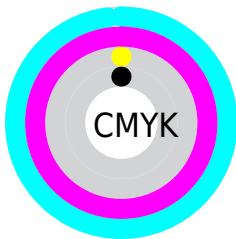
# Distribution



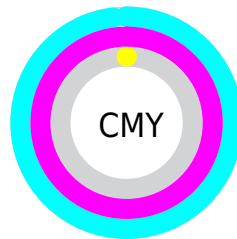
- Red (2%)
- Green (1%)
- Blue (100%)



- Red (2%)
- Yellow (1%)
- Blue (100%)



- Cyan (98%)
- Magenta (99%)
- Yellow (0%)
- Black (0%)





















- Cyan (98%)
- Magenta (99%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278518783 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 4278518783 by changing the saturation by 10% instead.



 4278518783	 4278518783
4294967295	 4278190305
 4286204415	 4278190276
 4288570623	 4278190248
 4290806015	 4278190220
 4292975615	 4278194545
 4294949119	 4278193240
 4294956287	 4278191935
 4294963967	 4278190888
	 4278190354

■ 4278518783

■ 4278518783

■ 4278321407

■ 4280163583

■ 4281874175

■ 4283519231

■ 4285164031

■ 4286809087

■ 4288519423

■ 4290164223

■ 4291809279

■ 4293519871

# Harmonies

## Analogous

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



4278214399



4278518783



4291559588

# Triad

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



4278518783



4288482048



4278217058

# Complementary

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



4278518783



4294835971

# 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.



4278216192



4278518783



4283060480

# Square

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



4278518783



4292214784



4278215168



4278218188

# Rectangle

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



4278518783



4293525599



4278215168



4278216764



# Sweetspot

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



4278518783



4289967103



4278452223



4283585152



4278190080



4286611584



# Same Dimension

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



4278518783



4278321407



4286645247



4285756288



4278321343



4278255680



# Inverse Universe

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



4294902781



4294902013



4286709507



4286608255



4290707646

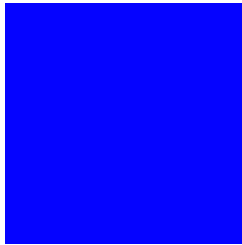


4282384447



# Previews

## White Background



This preview shows how the Android color 4278518783 looks on a white background.

## Color Contrast Check

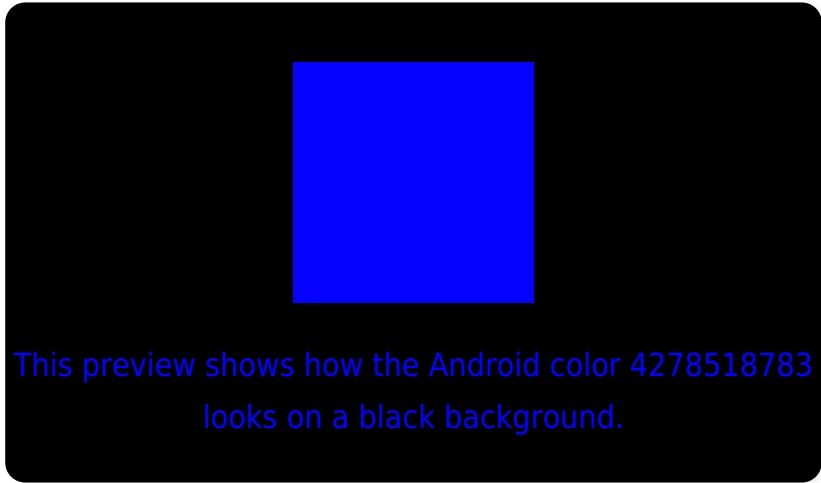
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278518783 Background



This preview shows how black text looks on a background with the Android color 4278518783.



This preview shows how white text looks on a background with the Android color 4278518783.

# 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**  
4278518783

**Protanopia**  
4278209436

**Deuteranopia**  
4278210692



# Trichromacy



**Original Color**  
4278518783

**Protanomaly**  
4278333888

**Deuteranomaly**  
4278334641

**Tritanomaly**  
4278335638

# Monochromacy



**Original Color**  
4278518783

**Achromatopsia**  
4280295456

**Achromatomaly**  
4279637361

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278518783 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(5, 3, 255)` looks like.

```
.text, #text, p{  
    color:rgb(5, 3, 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(5, 3, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 3, 255) }
```

## Border

The CSS property to change the border of an element to Android 4278518783 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(5, 3, 255) }
```

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

```
.border{ border-color:rgb(5, 3, 255) }
```

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

Here you see how a box with a 4 pixel rgb(5, 3, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 3, 255); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 3, 255); box-shadow:4px  
4px 4px 4px rgb(5, 3, 255) }
```

# Background

The CSS property to change the background color of an element to Android 4278518783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 3, 255) }
```

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

```
.background{ background-color: rgb(5, 3,  
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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