

# Converting Colors

Android(4286076132)

Have a look what the booklet for  
Android(4286076132) contains.

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# Color

**Android(4286076132)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7854E4
RGB	120, 84, 228
RGB Percent	47%, 33%, 89%
CMY	0.5294, 0.6706, 0.1059
CMYK	0.47, 0.63, 0.00, 0.11
HSL	255°, 73%, 61%
HSV	255°, 63%, 89%
XYZ	24.9196, 15.9352, 75.1612
YIQ	111.1800, -24.7680, 52.4160

# Conversions

## Conversions Part 2

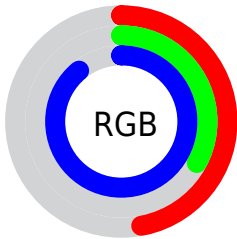
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	120, 84, 228
Decimal	7886052
CIE Lab	46.89, 48.94, -68.33
CIE LCh	47, 84.046, 305.613
Yxy	15.9352, 0.2148, 0.1374
Android (android.graphics.Color)	4286076132 (0xFF7854E4)
YUV	111.1800, 57.5923, 7.7351
Hunter-Lab	39.9189, 41.5719, -83.6909

# Details

The Android color `4286076132` is a dark color, and the websafe version is hex `9966FF`. The color can be described as middle muted purple. A complement of this color would be `4290831444`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4289955839`, and `4282000299` is the 20% darker color. If you saturate the color by 10%, you get `4284956132`, and if you desaturate by 10%, it is `4287196132`.

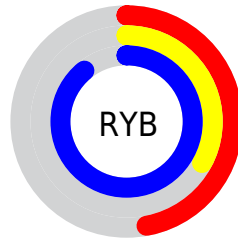
# Distribution



Red (47%)

Green (33%)

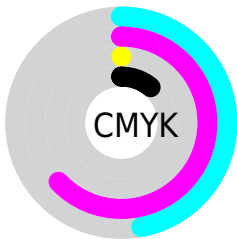
Blue (89%)



Red (47%)

Yellow (33%)

Blue (89%)

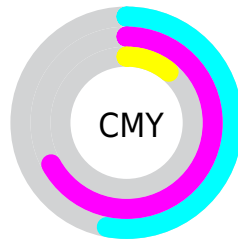


Cyan (47%)

Magenta (63%)

Yellow (0%)

Black (11%)



Cyan (53%)

Magenta (67%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286076132 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 4286076132 by changing the saturation by 10% instead.



 4286076132

 4286076132

4294967295

 4284103623

 4289955839

 4282000299

 4291928831

 4278913424

 4293902079

 4278190198

 4294957823

 4278190172

 4294965247

 4278191939

 4278190892

 4278190359

 4278190080

■ 4286076132

■ 4286076132

■ 4284956132

■ 4287196132

■ 4283836132

■ 4288316132

■ 4282716388

■ 4289435876

■ 4281925860

■ 4290555876

■ 4291741412

■ 4292861412

■ 4293981412

■ 4294967268

# Harmonies

## Analogous

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



4278220287



4286076132



4291433131

# Triad

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



4286076132



4290008064



4278225787

# Complementary

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



4286076132



4290831444

# 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.



4278224943



4286076132



4286345472

# Square

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



4286076132



4292484384



4280844544



4278225857

# Rectangle

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



4286076132



4292935805



4280844544



4278225762



# Sweetspot

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



4286076132



4292595711



4283744484



4285162112



4278190080



4286611584



# Same Dimension

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



4286076132



4285414911



4290794724



4285163379



4281139379



4279042099



# Inverse Universe

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



4293153984



4294917583



4286112852



4285753200



4289921158

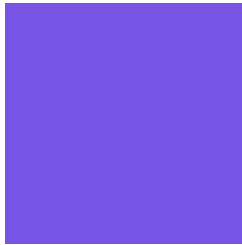


4281532454



# Previews

## White Background



This preview shows how the Android color 4286076132 looks on a white background.

## Color Contrast Check

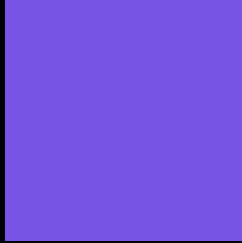
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286076132 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 4286076132 Background



This preview shows how black text looks on a background with the Android color 4286076132.



This preview shows how white text looks on a background with the Android color 4286076132.

# 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**

4286076132

**Protanopia**

4278217699

**Deuteranopia**

4278219461



# Trichromacy



**Original Color**

4286076132



**Protanomaly**

4281099235



**Deuteranomaly**

4281100240



**Tritanomaly**

4284901538

# Monochromacy



**Original Color**

4286076132



**Achromatopsia**

4285493103



**Achromatomaly**

4285687194

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286076132 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(120, 84, 228)` looks like.

```
.text, #text, p{  
    color:rgb(120, 84, 228)  
}
```

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(120, 84, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 84, 228) }
```

## Border

The CSS property to change the border of an element to Android 4286076132 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(120, 84, 228) }
```

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

```
.border{ border-color:rgb(120, 84, 228) }
```

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

Here you see how a box with a 4 pixel rgb(120, 84, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 84, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 84, 228);  
box-shadow:4px 4px 4px 4px rgb(120, 84,  
228) }
```

# Background

The CSS property to change the background color of an element to Android 4286076132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 84, 228) }
```

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

```
.background{ background-color: rgb(120, 84,  
228) }
```

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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