

# Converting Colors

Android(4288768745)

Have a look what the booklet for  
Android(4288768745) contains.

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**Color**

**Android(4288768745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A16AE9
RGB	161, 106, 233
RGB Percent	63%, 42%, 91%
CMY	0.3686, 0.5843, 0.0863
CMYK	0.31, 0.55, 0.00, 0.09
HSL	266°, 74%, 66%
HSV	266°, 55%, 91%
XYZ	34.5600, 23.7683, 79.8570
YIQ	136.9230, -7.9870, 51.1570

# Conversions

## Conversions Part 2

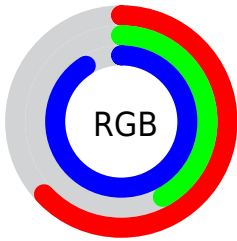
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 106, 233
Decimal	10578665
CIE <sub>Lab</sub>	55.86, 47.15, -56.48
CIE <sub>LCh</sub>	56, 73.572, 309.860
Yxy	23.7683, 0.2501, 0.1720
Android (android.graphics.Color)	4288768745 (0xFFA16AE9)
YUV	136.9230, 47.3660, 21.1155
Hunter-Lab	48.7528, 41.2181, -62.9901

# Details

The Android color `4288768745` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4289915242`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4292583423`, and `4285085872` is the 20% darker color. If you saturate the color by 10%, you get `4287910889`, and if you desaturate by 10%, it is `4289626601`.

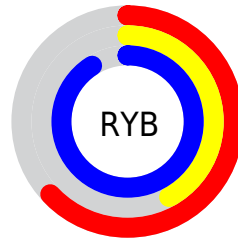
# Distribution



Red (63%)

Green (42%)

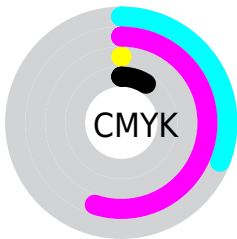
Blue (91%)



Red (63%)

Yellow (42%)

Blue (91%)

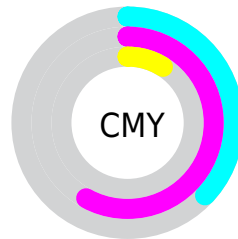


Cyan (31%)

Magenta (55%)

Yellow (0%)

Black (9%)



Cyan (37%)

Magenta (58%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288768745 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 4288768745 by changing the saturation by 10% instead.



 4288768745

 4288768745

4294967295

 4286927308

 4292583423

 4285085872

 4294490879

 4283244181

 4294957055

 4281336187

 4294964223

 4278845537

 4278190153

 4278191153

 4278190363

 4278190080

 4288768745

 4288768745

 4287910889

 4289626601

 4287052777

 4290484713

 4286129385

 4291408105

 4285271529

 4292265961

 4284809449

 4293124073

 4293981929

 4294836201

 4294967273

# Harmonies

## Analogous

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



4278224895



4288768745



4292888755

# Triad

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



4288768745



4291064320



4278231706

# Complementary

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



4288768745



4289915242

# 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.



4278230871



4288768745



4287531520

# Square

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



4288768745



4293481270



4282750987



4278231511

# Rectangle

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



4288768745



4294130313



4282750987



4278231684



# Sweetspot

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



4288768745



4293449471



4285183209



4285687680



4278190080



4286611584



# Same Dimension

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



4288768745



4288764415



4292766441



4285491829



4283302069



4279697462



# Inverse Universe

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



4293487282



4294924727



4285917546



4285885040



4290052199

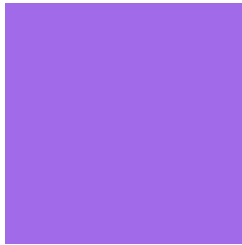


4281729054



# Previews

## White Background



This preview shows how the Android color 4288768745 looks on a white background.

## Color Contrast Check

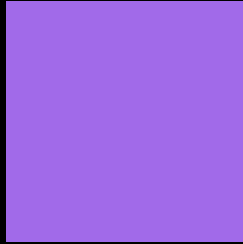
Large Text (above 18pt) WCAG AA ✓ Pass

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 4288768745 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 4288768745 Background



This preview shows how black text looks on a background with the Android color 4288768745.




This preview shows how white text looks on a background with the Android color 4288768745.

# 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





**Tritanopia**  
4287595148

# Trichromacy



**Original Color**

4288768745



**Protanomaly**

4284709367



**Deuteranomaly**

4284841189



**Tritanomaly**

4288051630

# Monochromacy



**Original Color**

4288768745



**Achromatopsia**

4287203721



**Achromatomaly**

4287790764

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288768745 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(161, 106, 233)` looks like.

```
.text, #text, p{  
    color:rgb(161, 106, 233)  
}
```

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(161, 106, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 106, 233) }
```

## Border

The CSS property to change the border of an element to Android 4288768745 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(161, 106, 233) }
```

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

```
.border{ border-color:rgb(161, 106, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 106, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 106, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 106, 233);  
box-shadow:4px 4px 4px 4px rgb(161, 106,  
233) }
```

# Background

The CSS property to change the background color of an element to Android 4288768745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 106, 233) }
```

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

```
.background{ background-color: rgb(161,  
106, 233) }
```

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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