

# Converting Colors

Android(4289162976)

Have a look what the booklet for  
Android(4289162976) contains.

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# **Color**

**Android(4289162976)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A76EE0
RGB	167, 110, 224
RGB Percent	65%, 43%, 88%
CMY	0.3451, 0.5686, 0.1216
CMYK	0.25, 0.51, 0.00, 0.12
HSL	270°, 65%, 65%
HSV	270°, 51%, 88%
XYZ	34.9668, 24.7492, 73.4551
YIQ	140.0390, -2.6220, 47.5380

# Conversions

## Conversions Part 2

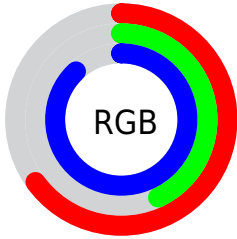
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	167, 110, 224
Decimal	10972896
CIE Lab	56.83, 44.35, -49.84
CIE LCh	57, 66.712, 311.662
Yxy	24.7492, 0.2626, 0.1858
Android (android.graphics.Color)	4289162976 (0xFFA76EE0)
YUV	140.0390, 41.3928, 23.6448
Hunter-Lab	49.7485, 38.4026, -52.7194

# Details

The Android color `4289162976` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4289192046`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4292912127`, and `4285545640` is the 20% darker color. If you saturate the color by 10%, you get `4288436448`, and if you desaturate by 10%, it is `4289889504`.

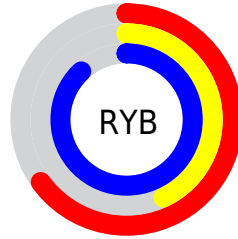
# Distribution



Red (65%)

Green (43%)

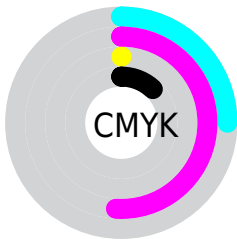
Blue (88%)



Red (65%)

Yellow (43%)

Blue (88%)

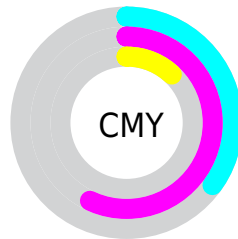


Cyan (25%)

Magenta (51%)

Yellow (0%)

Black (12%)



Cyan (35%)

Magenta (57%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4289162976 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 4289162976 by changing the saturation by 10% instead.



 4289162976

 4289162976

4294967295

 4287321540

 4292912127

 4285545640

 4294885375

 4283769741

 4294958079

 4281927539

 4294965503

 4280025178

 4278190146

 4278190890

 4278190357

 4278190080

4289162976

4289162976

4288436448

4289889504

4287709664

4290616288

4286917600

4291408352

4286190816

4292135136

4285530336

4292861664

4293588192

4294311904

4294967264

# Harmonies

## Analogous

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



4280125691



4289162976



4292760494

# Triad

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



4289162976



4290803712



4278231966

# Complementary

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



4289162976



4289192046

# 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.



4278231393



4289162976



4287597824

# Square

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



4289162976



4293090877



4283210279



4278231509

# Rectangle

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



4289162976



4293741192



4283210279



4278231946



# Sweetspot

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



4289162976



4293712383



4285442016



4285819264



4278190080



4286611584



# Same Dimension

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



4289162976



4289815551



4292898528



4285228400



4283957424



4279762992



# Inverse Universe

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



4292898471



4294927281



4285456494



4285556075



4289724504



4281335832



# Previews

## White Background



This preview shows how the Android color 4289162976 looks on a white background.

## Color Contrast Check

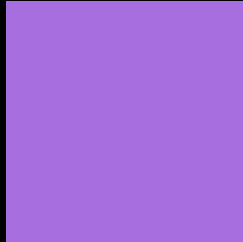
Large Text (above 18pt) WCAG AA ✓ Pass

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 4289162976 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 4289162976 Background



This preview shows how black text looks on a background with the Android color 4289162976.




This preview shows how white text looks on a background with the Android color 4289162976.

# 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**  
4288184973

# Trichromacy



**Original Color**  
4289162976



**Protanomaly**  
4285627886



**Deuteranomaly**  
4285890525



**Tritanomaly**  
4288510891

# Monochromacy



**Original Color**  
4289162976



**Achromatopsia**  
4287401100



**Achromatomaly**  
4288053675

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4289162976 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(167, 110, 224)` looks like.

```
.text, #text, p{  
    color:rgb(167, 110, 224)  
}
```

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(167, 110, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 110, 224) }
```

## Border

The CSS property to change the border of an element to Android 4289162976 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(167, 110, 224) }
```

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

```
.border{ border-color:rgb(167, 110, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 110, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 110, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 110, 224);  
box-shadow:4px 4px 4px 4px rgb(167, 110,  
224) }
```

# Background

The CSS property to change the background color of an element to Android 4289162976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 110, 224) }
```

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

```
.background{ background-color: rgb(167,  
110, 224) }
```

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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