

# Converting Colors

Android(4288965575)

Have a look what the booklet for  
Android(4288965575) contains.

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# **Color**

**Android(4288965575)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A46BC7
RGB	164, 107, 199
RGB Percent	64%, 42%, 78%
CMY	0.3569, 0.5804, 0.2196
CMYK	0.18, 0.46, 0.00, 0.22
HSL	277°, 45%, 60%
HSV	277°, 46%, 78%
XYZ	30.8763, 22.5314, 56.7545
YIQ	134.5310, 4.4400, 40.6960

# Conversions

## Conversions Part 2

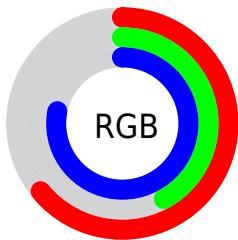
Format	Color
<a href="#">RYB</a>	<a href="#">164, 107, 199</a>
Decimal	<a href="#">10775495</a>
CIELab	<a href="#">54.59, 39.46, -39.26</a>
CIElCh	<a href="#">55, 55.664, 315.151</a>
Yxy	<a href="#">22.5314, 0.2803, 0.2045</a>
Android (android.graphics.Color)	<a href="#">4288965575 (0xFFA46BC7)</a>
YUV	<a href="#">134.5310, 31.7832, 25.8443</a>
Hunter-Lab	<a href="#">47.4673, 33.0423, -37.6633</a>

# Details

The Android color `4288965575` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4287547243`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4292714751`, and `4285413777` is the 20% darker color. If you saturate the color by 10%, you get `4288436167`, and if you desaturate by 10%, it is `4289494983`.

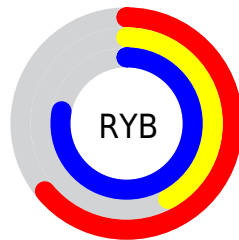
# Distribution



Red (64%)

Green (42%)

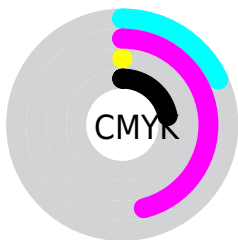
Blue (78%)



Red (64%)

Yellow (42%)

Blue (78%)

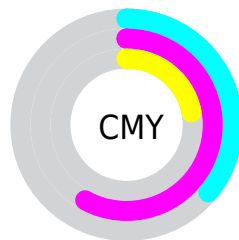


Cyan (18%)

Magenta (46%)

Yellow (0%)

Black (22%)



Cyan (36%)

Magenta (58%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288965575 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 4288965575 by changing the saturation by 10% instead.



 4288965575

 4288965575

4294967295

 4287189675

 4292714751

 4285413777

 4294622207

 4283703671

 4294957055

 4281992797

 4294964479

 4280418373

 4278190126

 4278190360

 4278190080

 4288965575

 4288965575

4288436167

4289494983

4287972295

4289958855

4287442887

4290488263

4286979015

4290952135

4286449863

4291481543

4286251207

4291945159

4292474567

4293001159

4293459911

# Harmonies

## Analogous

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



4283662560



4288965575



4291713181

# Triad

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



4288965575



4289689630



4278229658

# Complementary

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



4288965575



4287547243

# 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.



4278229096



4288965575



4286875673

# Square

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



4288965575



4291716160



4283208250



4278228934

# Rectangle

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



4288965575



4292433020



4283208250



4278229386



# Sweetspot

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



4288965575



4294040575



4285238983



4286016128



4278190080



4286611584



# Same Dimension

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



4288965575



4291458047



4291259324



4284504675



4284809379



4279631908



# Inverse Universe

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



4291259278



4294931368



4285253494



4284701277



4288872510

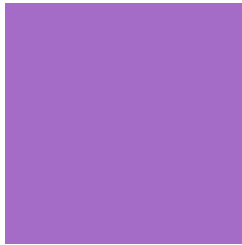


4280549390



# Previews

## White Background



This preview shows how the Android color 4288965575 looks on a white background.

## Color Contrast Check

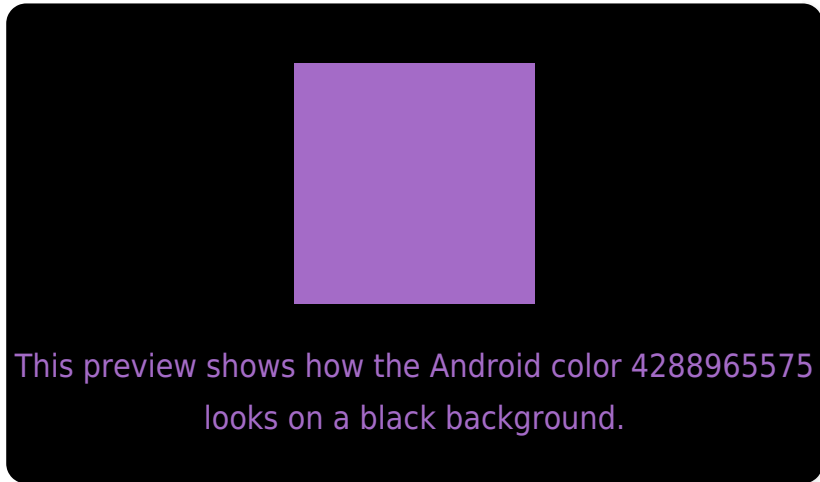
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

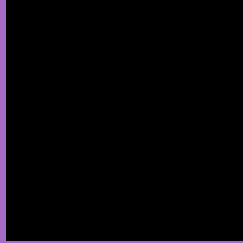
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4288965575 Background



This preview shows how black text looks on a background with the Android color 4288965575.




This preview shows how white text looks on a background with the Android color 4288965575.

# 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**  
4288248452

# Trichromacy



**Original Color**  
4288965575

**Protanomaly**  
4286019795

**Deuteranomaly**  
4286413508

**Tritanomaly**  
4288509340

# Monochromacy



**Original Color**  
4288965575

**Achromatopsia**  
4287072135

**Achromatomaly**  
4287790494

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288965575 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(164, 107, 199)` looks like.

```
.text, #text, p{  
    color:rgb(164, 107, 199)  
}
```

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(164, 107, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 107, 199) }
```

## Border

The CSS property to change the border of an element to Android 4288965575 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(164, 107, 199) }
```

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

```
.border{ border-color:rgb(164, 107, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 107, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 107, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 107, 199);  
box-shadow:4px 4px 4px 4px rgb(164, 107,  
199) }
```

# Background

The CSS property to change the background color of an element to Android 4288965575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 107, 199) }
```

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

```
.background{ background-color: rgb(164,  
107, 199) }
```

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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