

# Converting Colors

Android(4288055784)

Have a look what the booklet for  
Android(4288055784) contains.

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# **Color**

**Android(4288055784)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9689E8
RGB	150, 137, 232
RGB Percent	59%, 54%, 91%
CMY	0.4118, 0.4627, 0.0902
CMYK	0.35, 0.41, 0.00, 0.09
HSL	248°, 67%, 72%
HSV	248°, 41%, 91%
XYZ	36.0888, 30.2015, 80.2713
YIQ	151.7170, -22.7470, 32.3010

# Conversions

## Conversions Part 2

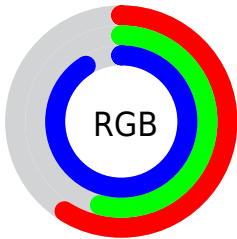
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">150, 137, 232</a>
Decimal	<a href="#">9865704</a>
CIELab	<a href="#">61.83, 26.60, -46.49</a>
CIELCh	<a href="#">62, 53.559, 299.774</a>
Yxy	<a href="#">30.2015, 0.2462, 0.2061</a>
Android (android.graphics.Color)	<a href="#">4288055784 (0xFF9689E8)</a>
YUV	<a href="#">151.7170, 39.5795, -1.5058</a>
Hunter-Lab	<a href="#">54.9559, 21.0457, -48.1327</a>

# Details

The Android color `4288055784` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4292601993`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4291804927`, and `4284438448` is the 20% darker color. If you saturate the color by 10%, you get `4286739176`, and if you desaturate by 10%, it is `4289372392`.

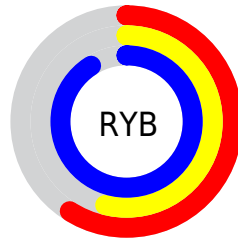
# Distribution



Red (59%)

Green (54%)

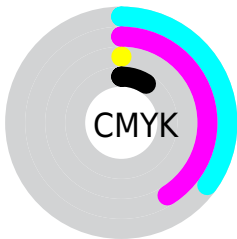
Blue (91%)



Red (59%)

Yellow (54%)

Blue (91%)

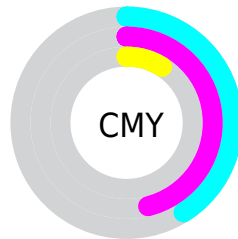


Cyan (35%)

Magenta (41%)

Yellow (0%)

Black (9%)



Cyan (41%)

Magenta (46%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288055784 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 4288055784 by changing the saturation by 10% instead.



 4288055784

 4288055784

4294967295

 4286214348

 4291804927

 4284438448

 4293712639

 4282663061

 4294965247

 4280756859

 4278195553

 4278190153

 4278191153

 4278190363

 4278190080

4288055784

4288055784

4286739176

4289372392

4285422568

4290689000

4284105704

4292005864

4282789096

4293322472

4281472488

4294639080

4280287464

4294967272

# Harmonies

## Analogous

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



4280392692



4288055784



4291786438

# Triad

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



4288055784



4292182339



4278234259

# Complementary

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



4288055784



4292601993

# 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.



4282296675



4288055784



4289762096

# Square

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



4288055784



4293554281



4286619710



4278234307

# Rectangle

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



4288055784



4293160360



4286619710



4278234243



# Sweetspot

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



4288055784



4293255423



4287224808



4285558400



4278190080



4286611584



# Same Dimension

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



4288055784



4287857407



4291135976



4285097843



4279763123



4278648883



# Inverse Universe

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



4293429723



4294935278



4289521801



4285753201



4289921178

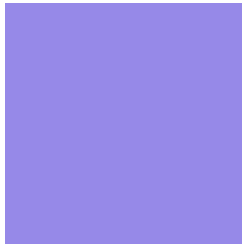


4281532460



# Previews

## White Background



This preview shows how the Android color 4288055784 looks on a white background.

## Color Contrast Check

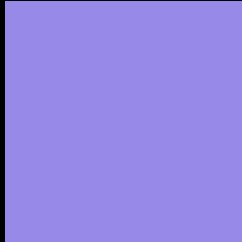
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4288055784 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 ✓ Pass

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



# Android 4288055784 Background



This preview shows how black text looks on a background with the Android color 4288055784.



This preview shows how white text looks on a background with the Android color 4288055784.

# 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





# Trichromacy



**Original Color**  
4288055784

**Protanomaly**  
4286484461

**Deuteranomaly**  
4286353894

**Tritanomaly**  
4287402941

# Monochromacy



**Original Color**  
4288055784

**Achromatopsia**  
4288190616

**Achromatomaly**  
4288123829

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288055784 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(150, 137, 232)` looks like.

```
.text, #text, p{  
    color:rgb(150, 137, 232)  
}
```

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(150, 137, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 137, 232) }
```

## Border

The CSS property to change the border of an element to Android 4288055784 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(150, 137, 232) }
```

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

```
.border{ border-color:rgb(150, 137, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 137, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 137, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 137, 232);  
box-shadow:4px 4px 4px 4px rgb(150, 137,  
232) }
```

# Background

The CSS property to change the background color of an element to Android 4288055784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 137, 232) }
```

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

```
.background{ background-color: rgb(150,  
137, 232) }
```

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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