

# Converting Colors

Android(4288556171)

Have a look what the booklet for  
Android(4288556171) contains.

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# Color

**Android(4288556171)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9E2C8B
RGB	158, 44, 139
RGB Percent	62%, 17%, 55%
CMY	0.3804, 0.8275, 0.4549
CMYK	0.00, 0.72, 0.12, 0.38
HSL	310°, 56%, 40%
HSV	310°, 72%, 62%
XYZ	19.6614, 10.9345, 25.5004
YIQ	88.9160, 37.4490, 53.7130

# Conversions

## Conversions Part 2

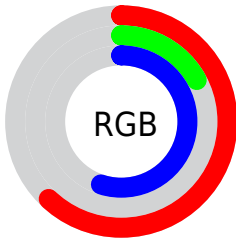
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 44, 139
Decimal	10366091
CIE <sub>Lab</sub>	39.47, 56.61, -27.64
CIE <sub>LCh</sub>	39, 63.000, 333.975
Yxy	10.9345, 0.3505, 0.1949
Android (android.graphics.Color)	4288556171 (0xFF9E2C8B)
YUV	88.9160, 24.6914, 60.5867
Hunter-Lab	33.0674, 48.2656, -22.5751

# Details

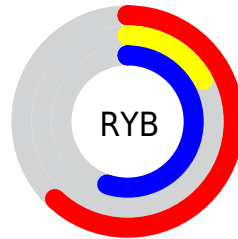
The Android color **4288556171** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4281114175**, and the grayscale version is **4284045657**.

A 20% lighter version of the original color is **4292306113**, and **4284940377** is the 20% darker color. If you saturate the color by 10%, you get **4288552072**, and if you desaturate by 10%, it is **4288560270**.

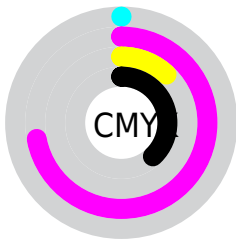
# Distribution



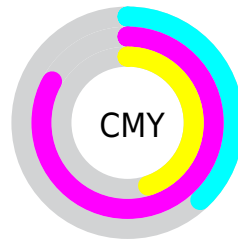
- Red (62%)
- Green (17%)
- Blue (55%)



- Red (62%)
- Yellow (17%)
- Blue (55%)



- Cyan (0%)
- Magenta (72%)
- Yellow (12%)
- Black (38%)



- Cyan (38%)
- Magenta (83%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288556171 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 4288556171 by changing the saturation by 10% instead.



 4288556171

 4288556171

4294967295

 4286710641

 4292306113

 4284940377

 4294279389

 4283170881

 4294941690

 4281663531

 4294949119

 4279304212

 4294956287

 4278190080

 4294963967

 4288556171

 4288556171

 4288552072

 4288560270

■ 4288547974

■ 4288564368

■ 4288544900

■ 4288568211

■ 4288572310

■ 4288576408

■ 4288580507

■ 4288584605

■ 4288588448

■ 4288592547

# Harmonies

## Analogous

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



4284632243



4288556171



4289991512

# Triad

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



4288556171



4285291776



4278219413

# Complementary

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



4288556171



4281114175

# 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.



4278219619



4288556171



4281690624

# Square

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



4288556171



4287907840



4278218796



4278218426

# Rectangle

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



4288556171



4289929271



4278218796



4278219654



# Sweetspot

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



4288556171



4291797447



4282330270



4285091172



4293454056



4285098345



# Same Dimension

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



4288556171



4291763121



4288556114



4283385678



4287561847



4279173133



# Inverse Universe

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



4288556171



4291763121



4281114232



4283385678



4287561847



4279173133



# Previews

## White Background



This preview shows how the Android color 4288556171 looks on a white background.

## Color Contrast Check

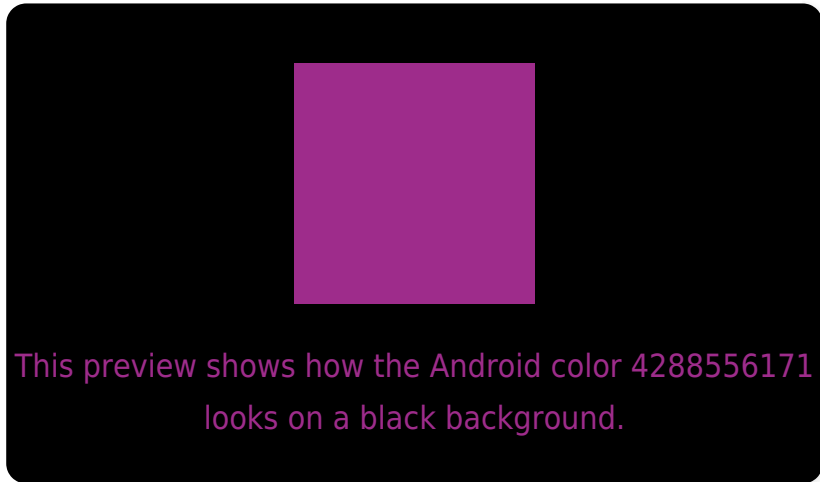
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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 4288556171 Background



This preview shows how black text looks on a background with the Android color 4288556171.



This preview shows how white text looks on a background with the Android color 4288556171.

# 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



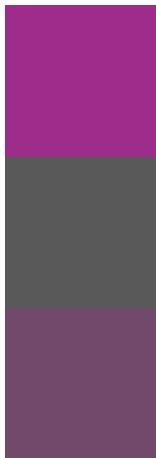
**Original Color**  
4288556171

**Protanomaly**  
4283779749

**Deuteranomaly**  
4285352839

**Tritanomaly**  
4288297568

# Monochromacy



**Original Color**  
4288556171

**Achromatopsia**  
4284045657

**Achromatomaly**  
4285679979

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288556171 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(158, 44, 139)` looks like.

```
.text, #text, p{  
    color:rgb(158, 44, 139)  
}
```

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(158, 44, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 44, 139) }
```

## Border

The CSS property to change the border of an element to Android 4288556171 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(158, 44, 139) }
```

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

```
.border{ border-color:rgb(158, 44, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 44, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 44, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 44, 139);  
box-shadow:4px 4px 4px 4px rgb(158, 44,  
139) }
```

# Background

The CSS property to change the background color of an element to Android 4288556171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 44, 139) }
```

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

```
.background{ background-color: rgb(158, 44,  
139) }
```

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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