

# Converting Colors

Android(4282759837)

Have a look what the booklet for  
Android(4282759837) contains.

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# **Color**

**Android(4282759837)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45BA9D
RGB	69, 186, 157
RGB Percent	27%, 73%, 62%
CMY	0.7294, 0.2706, 0.3843
CMYK	0.63, 0.00, 0.16, 0.27
HSL	165°, 46%, 50%
HSV	165°, 63%, 73%
XYZ	26.0990, 38.8173, 38.0152
YIQ	147.7110, -60.4230, -33.8230

# Conversions

## Conversions Part 2

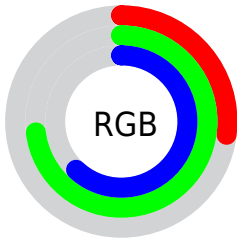
Format	Color
<a href="#">RYB</a>	<a href="#">69, 136, 186</a>
Decimal	<a href="#">4569757</a>
CIELab	<a href="#">68.62, -39.75, 5.06</a>
CIElCh	<a href="#">69, 40.071, 172.740</a>
Yxy	<a href="#">38.8173, 0.2536, 0.3771</a>
Android (android.graphics.Color)	<a href="#">4282759837 (0xFF45BA9D)</a>
YUV	<a href="#">147.7110, 4.5795, -69.0295</a>
Hunter-Lab	<a href="#">62.3036, -34.2576, 7.4360</a>

# Details

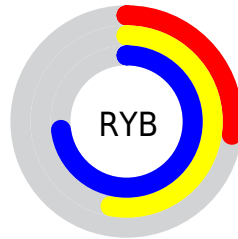
The Android color **4282759837** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **4290397538**, and the grayscale version is **4287927444**.

A 20% lighter version of the original color is **4286706644**, and **4278223978** is the 20% darker color. If you saturate the color by 10%, you get **4281514648**, and if you desaturate by 10%, it is **4284005026**.

# Distribution



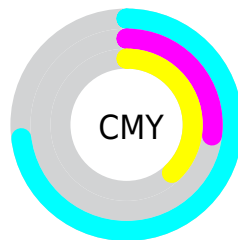
- Red (27%)
- Green (73%)
- Blue (62%)



- Red (27%)
- Yellow (53%)
- Blue (73%)



- Cyan (63%)
- Magenta (0%)
- Yellow (16%)
- Black (27%)



- Cyan (73%)
- Magenta (27%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282759837 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 4282759837 by changing the saturation by 10% instead.





4282759837



4282759837

4294967295



4280328067



4286706644



4278223978



4288610288



4278217298



4290510847



4278210875



4292476927



4278204709



4294443007



4278199568



4278190080



4282759837



4282759837



4281514648



4284005026

■ 4280334996

■ 4285184678

■ 4279089807

■ 4286429867

■ 4278237836

■ 4287609519

■ 4288854708

■ 4290099897

■ 4291279549

■ 4292524738

■ 4293704390

# Harmonies

## Analogous

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



4286166650



4282759837



4278237890

# Triad

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



4282759837



4288586218



4292974191

# Complementary

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



4282759837



4290397538

# 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.



4293758093



4282759837



4291597524

# Square

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



4282759837



4284460783



4293364658



4291273311

# Rectangle

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



4282759837



4278237399



4293364658



4293366392



# Sweetspot

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



4282759837



4291097319



4284660293



4284381811



4294638330



4286216826



# Same Dimension

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



4282759837



4282249925



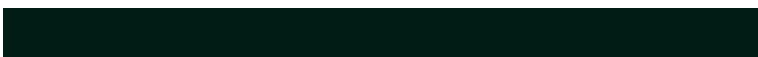
4282752442



4283653210



4278230133



4278197269



# Inverse Universe

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



4290397538



4294065514



4290404933



4284240725



4288413735

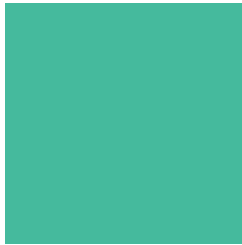


4280025095



# Previews

## White Background



This preview shows how the Android color 4282759837 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 4282759837 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

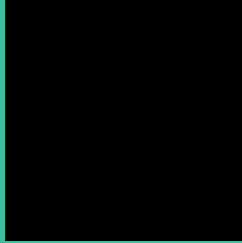
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

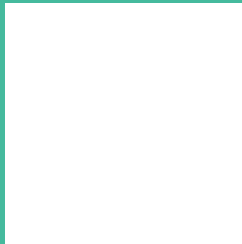
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282759837 Background



This preview shows how black text looks on a background with the Android color 4282759837.



This preview shows how white text looks on a background with the Android color 4282759837.

# 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**

4282759837



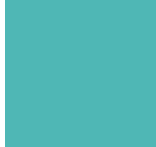
**Protanomaly**

4287147414



**Deuteranomaly**

4287539872



**Tritanomaly**

4283414453

# Monochromacy



**Original Color**

4282759837



**Achromatopsia**

4287927444



**Achromatomaly**

4286030487

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282759837 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(69, 186, 157)` looks like.

```
.text, #text, p{  
    color:rgb(69, 186, 157)  
}
```

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(69, 186, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 186, 157) }
```

## Border

The CSS property to change the border of an element to Android 4282759837 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(69, 186, 157) }
```

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

```
.border{ border-color:rgb(69, 186, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 186, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(69, 186, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(69, 186, 157); box-shadow:4px 4px 4px 4px rgb(69, 186, 157) }
```

# Background

The CSS property to change the background color of an element to Android 4282759837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 186, 157) }
```

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

```
.background{ background-color: rgb(69, 186,  
157) }
```

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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