

Converting Colors

Android(4284949868)

Have a look what the booklet for
Android(4284949868) contains.

Android(4284949868)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284949868)

Conversions

Conversions Part 1

Format	Color
Hex	67256C
RGB	103, 37, 108
RGB Percent	40%, 15%, 42%
CMY	0.5961, 0.8549, 0.5765
CMYK	0.05, 0.66, 0.00, 0.58
HSL	296°, 49%, 28%
HSV	296°, 66%, 42%
XYZ	8.9619, 5.2894, 14.7360
YIQ	64.8280, 16.5450, 36.0730

Conversions

Conversions Part 2

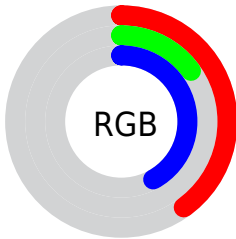
Format	Color
R_{YB}	103, 37, 108
Decimal	6759788
CIE _{Lab}	27.54, 39.89, -27.61
CIE _{LCh}	28, 48.508, 325.309
Yxy	5.2894, 0.3092, 0.1825
Android (android.graphics.Color)	4284949868 (0xFF67256C)
YUV	64.8280, 21.2838, 33.4768
Hunter-Lab	22.9987, 29.3080, -21.8898

Details

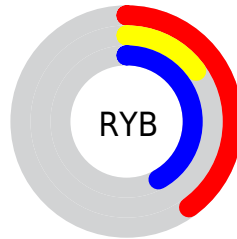
The Android color `4284949868` is a dark color, and the websafe version is hex `663366`. A complement of this color would be `4280970277`, and the grayscale version is `4282466625`.

A 20% lighter version of the original color is `4288436128`, and `4281663548` is the 20% darker color. If you saturate the color by 10%, you get `4284881516`, and if you desaturate by 10%, it is `4285018220`.

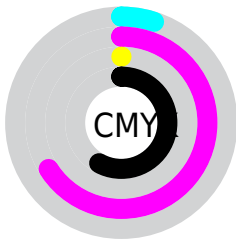
Distribution



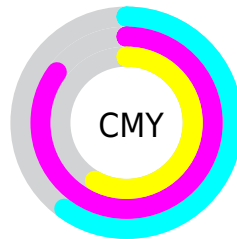
- Red (40%)
- Green (15%)
- Blue (42%)



- Red (40%)
- Yellow (15%)
- Blue (42%)



- Cyan (5%)
- Magenta (66%)
- Yellow (0%)
- Black (58%)



- Cyan (60%)
- Magenta (85%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284949868 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 4284949868 by changing the saturation by 10% instead.



4284949868



4284949868

4294967295



4283238739



4288436128



4281663548



4290277819



4280287270



4292119511



4278190350



4294026995



4278190080



4294951679



4294958847



4294966271



4284949868



4284949868

■ 4284881516

■ 4285018220

■ 4284813164

■ 4285086572

■ 4284810604

■ 4285089132

■ 4284743788

■ 4285157484

■ 4285225836

■ 4285294188

■ 4285297004

■ 4285365100

■ 4285433452

Harmonies

Analogous

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



4281219717



4284949868



4286451785

Triad

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



4284949868



4283841792



4278210912

Complementary

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



4284949868



4280970277

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.



4278210874



4284949868



4281485312

Square

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



4284949868



4285541632



4278210066



4278210430

Rectangle

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



4284949868



4286648624



4278210066



4278210900

Sweetspot

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



4284949868



4287262860



4280626028



4282791495



4291282887



4282861383

Same Dimension

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



4284949868



4286848396



4285277518



4281675830



4285333621



4293132533

Inverse Universe

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



4285277482



4287372581



4280642627



4281741361



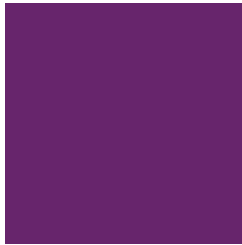
4285857800



4294246417

Previews

White Background



This preview shows how the Android color 4284949868 looks on a white background.

Color Contrast Check

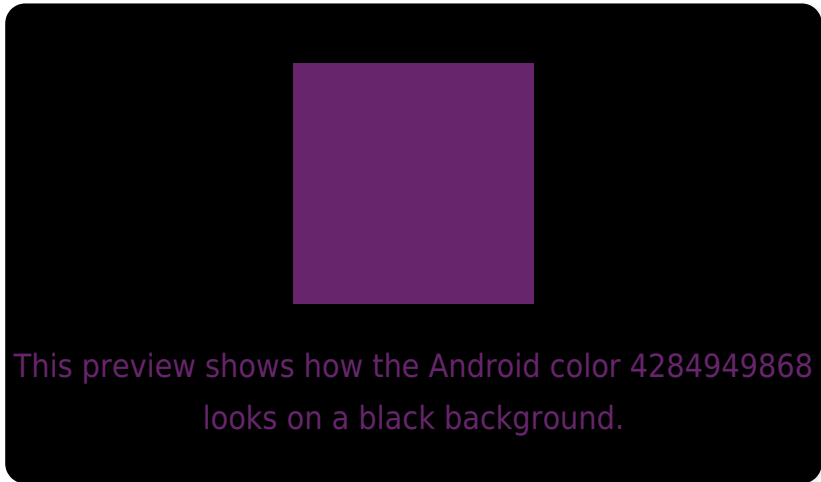
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

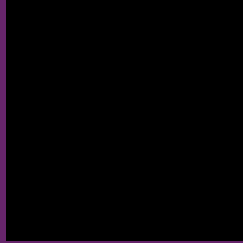
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4284949868 Background



This preview shows how black text looks on a background with the Android color 4284949868.



This preview shows how white text looks on a background with the Android color 4284949868.

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



Original Color

4284949868

Protanopia

4279189638

Deuteranopia

4281221735

Trichromacy



Original Color
4284949868

Protanomaly
4281284221

Deuteranomaly
4282595177

Tritanomaly
4284690252

Monochromacy



Original Color
4284949868

Achromatopsia
4282466625

Achromatomaly
4283381585

CSS Examples

Text

The CSS property to change the color of the text to Android 4284949868 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(103, 37, 108)` looks like.

```
.text, #text, p{  
    color:rgb(103, 37, 108)  
}
```

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(103, 37, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 37, 108) }
```

Border

The CSS property to change the border of an element to Android 4284949868 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(103, 37, 108) }
```

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

```
.border{ border-color:rgb(103, 37, 108) }
```

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

Here you see how a box with a 4 pixel rgb(103, 37, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 37, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 37, 108);  
box-shadow:4px 4px 4px 4px rgb(103, 37,  
108) }
```

Background

The CSS property to change the background color of an element to Android 4284949868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 37, 108) }
```

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

```
.background{ background-color: rgb(103, 37,  
108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor