

Converting Colors

Android(4281808767)

Have a look what the booklet for
Android(4281808767) contains.

Android(4281808767)	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(4281808767)

Conversions

Conversions Part 1

Format	Color
Hex	37377F
RGB	55, 55, 127
RGB Percent	22%, 22%, 50%
CMY	0.7843, 0.7843, 0.5020
CMYK	0.57, 0.57, 0.00, 0.50
HSL	240°, 40%, 36%
HSV	240°, 57%, 50%
XYZ	6.7725, 5.0769, 20.7017
YIQ	63.2080, -23.1120, 22.3920

Conversions

Conversions Part 2

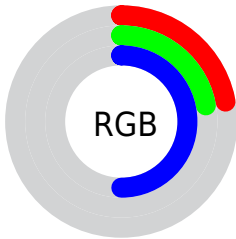
Format	Color
R_{YB}	55, 55, 127
Decimal	3618687
CIE _{Lab}	26.95, 22.15, -40.95
CIE _{LCh}	27, 46.553, 298.407
Yxy	5.0769, 0.2081, 0.1560
Android (android.graphics.Color)	4281808767 (0xFF37377F)
YUV	63.2080, 31.4495, -7.1984
Hunter-Lab	22.5320, 14.2212, -38.7013

Details

The Android color `4281808767` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4286545719`, and the grayscale version is `4282335039`.

A 20% lighter version of the original color is `4285294260`, and `4278193741` is the 20% darker color. If you saturate the color by 10%, you get `4280953471`, and if you desaturate by 10%, it is `4282664063`.

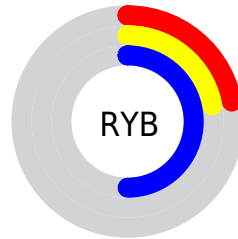
Distribution



Red (22%)

Green (22%)

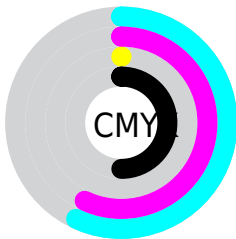
Blue (50%)



Red (22%)

Yellow (22%)

Blue (50%)

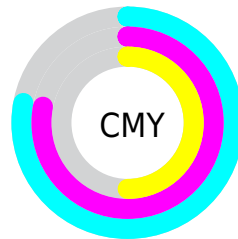


Cyan (57%)

Magenta (57%)

Yellow (0%)

Black (50%)



Cyan (78%)

Magenta (78%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281808767 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 4281808767 by changing the saturation by 10% instead.



4281808767



4281808767

4294967295



4279902822



4285294260



4278193741



4287070160



4278190134



4288911853



4278190623



4290753791



4278190083



4292595711



4278190080



4294503423



4281808767



4281808767



4280953471



4282664063

■ 4280163967

■ 4283453567

■ 4279308671

■ 4284308863

■ 4278453375

■ 4285164159

■ 4278190207

■ 4286019455

■ 4286808959

■ 4287664255

■ 4288519551

■ 4289309055

Harmonies

Analogous

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



4278207880



4281808767



4285014886

Triad

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



4281808767



4285214208



4278210365

Complementary

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



4281808767



4286545719

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.



4278209559



4281808767



4283514368

Square

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



4281808767



4286257952



4281157376



4278210401

Rectangle

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



4281808767



4285994575



4281157376



4278210096

Sweetspot

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



4281808767



4287269542



4281827199



4282598228



4292138196



4283716692

Same Dimension

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



4281808767



4281677222



4284168063



4281940288



4278190208



4278190080

Inverse Universe

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



4286527359



4289082790



4284186423



4282399040



4286578816



4278190080

Previews

White Background



This preview shows how the Android color 4281808767 looks on a white background.

Color Contrast Check

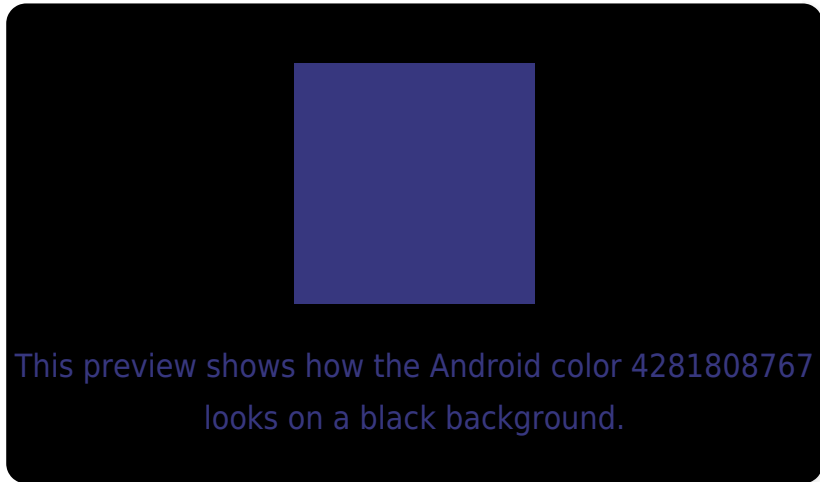
Large Text (above 18pt) WCAG AA ✓ Pass

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

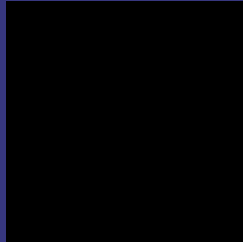
Any Text WCAG AA × Fail

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 4281808767 Background



This preview shows how black text looks on a background with the Android color 4281808767.



This preview shows how white text looks on a background with the Android color 4281808767.

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
4281808767

Protanopia
4278205827

Deuteranopia
4278206833

Trichromacy



Original Color
4281808767

Protanomaly
4279516034

Deuteranomaly
4279516534

Tritanomaly
4280959069

Monochromacy



Original Color
4281808767

Achromatopsia
4282335039

Achromatomaly
4282137686

CSS Examples

Text

The CSS property to change the color of the text to Android 4281808767 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(55, 55, 127)` looks like.

```
.text, #text, p{  
    color:rgb(55, 55, 127)  
}
```

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(55, 55, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 55, 127) }
```

Border

The CSS property to change the border of an element to Android 4281808767 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(55, 55, 127) }
```

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

```
.border{ border-color:rgb(55, 55, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 55, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 55, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 55, 127);  
box-shadow:4px 4px 4px 4px rgb(55, 55,  
127) }
```

Background

The CSS property to change the background color of an element to Android 4281808767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 55, 127) }
```

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

```
.background{ background-color: rgb(55, 55,  
127) }
```

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