

Converting Colors

Android(4284304783)

Have a look what the booklet for
Android(4284304783) contains.

Android(4284304783)	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(4284304783)

Conversions

Conversions Part 1

Format	Color
Hex	5D4D8F
RGB	93, 77, 143
RGB Percent	36%, 30%, 56%
CMY	0.6353, 0.6980, 0.4392
CMYK	0.35, 0.46, 0.00, 0.44
HSL	255°, 30%, 43%
HSV	255°, 46%, 56%
XYZ	12.1260, 9.6181, 27.2040
YIQ	89.3080, -11.6500, 23.9180

Conversions

Conversions Part 2

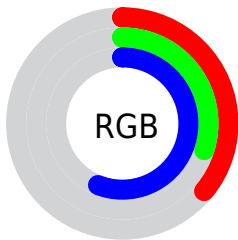
Format	Color
R_{YB}	93, 77, 143
Decimal	6114703
CIE Lab	37.15, 22.62, -34.33
CIE LCh	37, 41.114, 303.381
Yxy	9.6181, 0.2477, 0.1965
Android (android.graphics.Color)	4284304783 (0xFF5D4D8F)
YUV	89.3080, 26.4702, 3.2379
Hunter-Lab	31.0130, 15.5202, -30.2988

Details

The Android color `4284304783` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4286549837`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4287725253`, and `4281016412` is the 20% darker color. If you saturate the color by 10%, you get `4283580303`, and if you desaturate by 10%, it is `4285029263`.

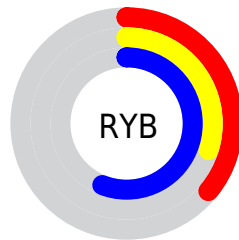
Distribution



Red (36%)

Green (30%)

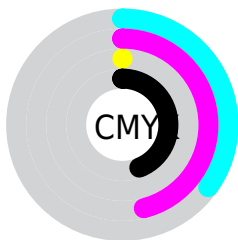
Blue (56%)



Red (36%)

Yellow (30%)

Blue (56%)

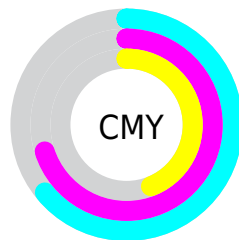


Cyan (35%)

Magenta (46%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (70%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284304783 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 4284304783 by changing the saturation by 10% instead.

■ 4284304783

■ 4284304783

4294967295

■ 4282660469

■ 4287725253

■ 4281016412

■ 4289566945

■ 4279241796

■ 4291408894

■ 4278190126

■ 4293251071

■ 4278190360

■ 4294962175

■ 4278190080

■ 4284304783

■ 4284304783

■ 4283580303

■ 4285029263

■ 4282855567

■ 4285753999

■ 4282131087

■ 4286478479

■ 4281472143

■ 4287137423

■ 4280747407

■ 4287862159

■ 4280483983

■ 4288586639

■ 4289311119

■ 4290035599

■ 4290760335

Harmonies

Analogous

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



4278213274



4284304783



4286726006

Triad

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



4284304783



4286597914



4278216538

Complementary

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



4284304783



4286549837

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.



4278412600



4284304783



4284831501

Square

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



4284304783



4287643189



4282605595



4278216571

Rectangle

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



4284304783



4287576416



4282605595



4278216527

Sweetspot

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



4284304783



4289110202



4283269263



4283584094



4292796126



4284374622

Same Dimension

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



4284304783



4285355194



4286401935



4282531911



4280352903



4278321160

Inverse Universe

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



4287581567



4290401441



4284452685



4282859590



4287037542



4278714374

Previews

White Background



This preview shows how the Android color 4284304783 looks on a white background.

Color Contrast Check

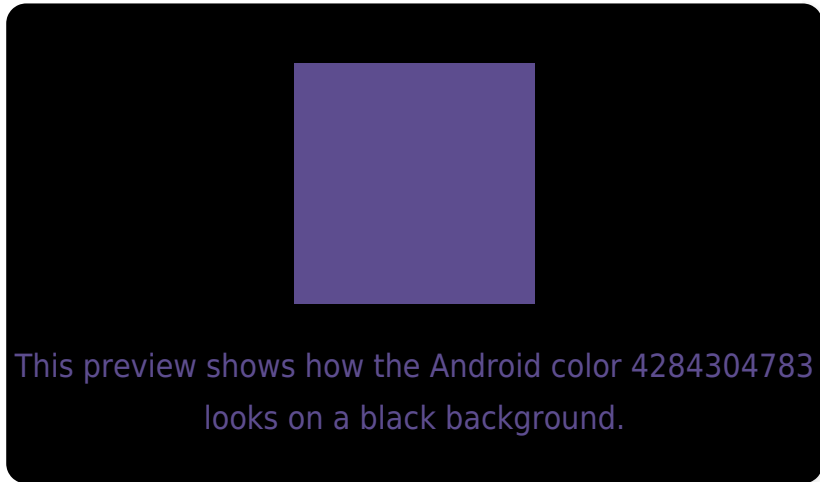
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284304783 Background



This preview shows how black text looks on a background with the Android color 4284304783.



This preview shows how white text looks on a background with the Android color 4284304783.

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
4284304783

Protanopia
4282078615

Deuteranopia
4281882765

Trichromacy



Original Color
4284304783

Protanomaly
4282864276

Deuteranomaly
4282733710

Tritanomaly
4283913328

Monochromacy



Original Color
4284304783

Achromatopsia
4284045657

Achromatomaly
4284110189

CSS Examples

Text

The CSS property to change the color of the text to Android 4284304783 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(93, 77, 143)` looks like.

```
.text, #text, p{  
    color:rgb(93, 77, 143)  
}
```

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(93, 77, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 77, 143) }
```

Border

The CSS property to change the border of an element to Android 4284304783 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(93, 77, 143) }
```

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

```
.border{ border-color:rgb(93, 77, 143) }
```

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

Here you see how a box with a 4 pixel rgb(93, 77, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 77, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 77, 143);  
box-shadow:4px 4px 4px 4px rgb(93, 77,  
143) }
```

Background

The CSS property to change the background color of an element to Android 4284304783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 77, 143) }
```

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

```
.background{ background-color: rgb(93, 77,  
143) }
```

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