

Converting Colors

Android(4284834984)

Have a look what the booklet for
Android(4284834984) contains.

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Color

Android(4284834984)

Conversions

Conversions Part 1

Format	Color
Hex	6564A8
RGB	101, 100, 168
RGB Percent	40%, 39%, 66%
CMY	0.6039, 0.6078, 0.3412
CMYK	0.40, 0.40, 0.00, 0.34
HSL	241°, 28%, 53%
HSV	241°, 40%, 66%
XYZ	16.9919, 14.7082, 38.9892
YIQ	108.0510, -21.2320, 21.3600

Conversions

Conversions Part 2

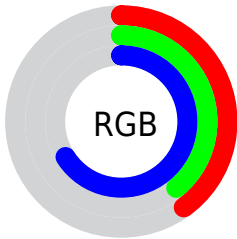
Format	Color
R_{YB}	101, 100, 168
Decimal	6644904
CIE _{Lab}	45.23, 17.74, -36.45
CIE _{LCh}	45, 40.537, 295.948
Yxy	14.7082, 0.2404, 0.2081
Android (android.graphics.Color)	4284834984 (0xFF6564A8)
YUV	108.0510, 29.5549, -6.1837
Hunter-Lab	38.3513, 11.9714, -33.4303

Details

The Android color `4284834984` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289177700`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4288387040`, and `4281415283` is the 20% darker color. If you saturate the color by 10%, you get `4283716520`, and if you desaturate by 10%, it is `4285953448`.

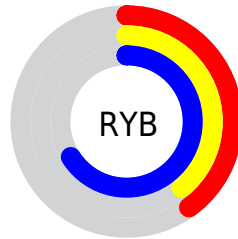
Distribution



Red (40%)

Green (39%)

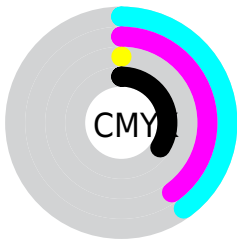
Blue (66%)



Red (40%)

Yellow (39%)

Blue (66%)

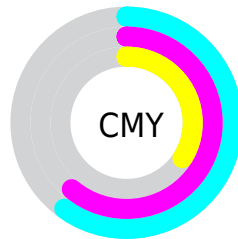


Cyan (40%)

Magenta (40%)

Yellow (0%)

Black (34%)



Cyan (60%)

Magenta (61%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284834984 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 4284834984 by changing the saturation by 10% instead.

■ 4284834984

■ 4284834984

4294967295

■ 4283124877

■ 4288387040

■ 4281415283

■ 4290163196

■ 4279509083

■ 4292070911

■ 4278192963

■ 4293913087

■ 4278190892

■ 4278190358

■ 4278190080

■ 4284834984

■ 4284834984

■ 4283716520

■ 4285953448

■ 4282663592

■ 4287006376

■ 4281545384

■ 4288124584

■ 4280492456

■ 4289177512

■ 4279373992

■ 4290295976

■ 4278321320

■ 4291348904

■ 4292467368

■ 4293520040

■ 4294638504

Harmonies

Analogous

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



4278481070



4284834984



4287649425

Triad

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



4284834984



4288371507



4278221669

Complementary

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



4284834984



4289177700

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.



4281759812



4284834984



4286736420

Square

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



4284834984



4289286223



4284576299



4278221704

Rectangle

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



4284834984



4288761724



4284576299



4278221657

Sweetspot

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



4284834984



4290888155



4284786856



4284440174



4293783021



4285427310

Same Dimension

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



4284834984



4285624539



4286997672



4283190356



4278321300



4278190100

Inverse Universe

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



4289225895



4292571354



4287015012



4283714644



4287889554



4279500820

Previews

White Background



This preview shows how the Android color 4284834984 looks on a white background.

Color Contrast Check

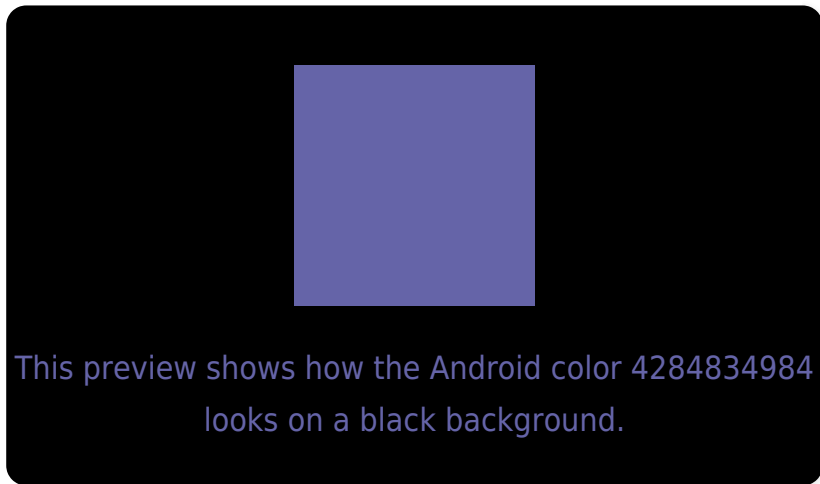
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284834984 Background



This preview shows how black text looks on a background with the Android color 4284834984.

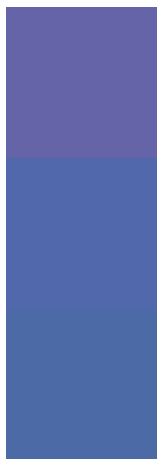


This preview shows how white text looks on a background with the Android color 4284834984.

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

4284834984

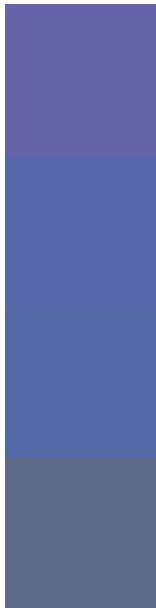
Protanopia

4283525548

Deuteranopia

4283198374

Trichromacy



Original Color
4284834984

Protanomaly
4283983787

Deuteranomaly
4283787431

Tritanomaly
4284312201

Monochromacy



Original Color
4284834984

Achromatopsia
4285295724

Achromatomaly
4285098370

CSS Examples

Text

The CSS property to change the color of the text to Android 4284834984 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(101, 100, 168)` looks like.

```
.text, #text, p{  
    color:rgb(101, 100, 168)  
}
```

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(101, 100, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 100, 168) }
```

Border

The CSS property to change the border of an element to Android 4284834984 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(101, 100, 168) }
```

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

```
.border{ border-color:rgb(101, 100, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 100, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 100, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 100, 168);  
box-shadow:4px 4px 4px 4px rgb(101, 100,  
168) }
```

Background

The CSS property to change the background color of an element to Android 4284834984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 100, 168) }
```

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

```
.background{ background-color: rgb(101,  
100, 168) }
```

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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