

Converting Colors

Android(4284644033)

Have a look what the booklet for
Android(4284644033) contains.

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Color

Android(4284644033)

Conversions

Conversions Part 1

Format	Color
Hex	627AC1
RGB	98, 122, 193
RGB Percent	38%, 48%, 76%
CMY	0.6157, 0.5216, 0.2431
CMYK	0.49, 0.37, 0.00, 0.24
HSL	225°, 43%, 57%
HSV	225°, 49%, 76%
XYZ	21.6222, 20.3660, 53.2435
YIQ	122.9180, -37.0950, 16.9930

Conversions

Conversions Part 2

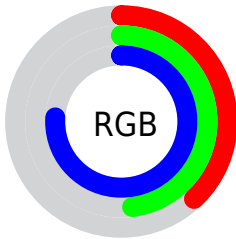
Format	Color
R_{YB}	98, 117, 193
Decimal	6453953
CIE _{Lab}	52.25, 11.05, -39.90
CIE _{LCh}	52, 41.400, 285.485
Yxy	20.3660, 0.2270, 0.2139
Android (android.graphics.Color)	4284644033 (0xFF627AC1)
YUV	122.9180, 34.5504, -21.8531
Hunter-Lab	45.1287, 6.5482, -38.3611

Details

The Android color `4284644033` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4290881890`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4288261882`, and `4280896139` is the 20% darker color. If you saturate the color by 10%, you get `4283395265`, and if you desaturate by 10%, it is `4285892801`.

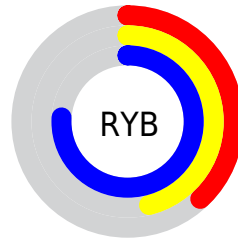
Distribution



Red (38%)

Green (48%)

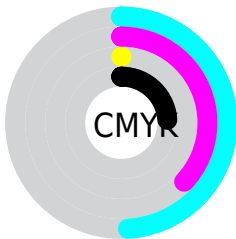
Blue (76%)



Red (38%)

Yellow (46%)

Blue (76%)

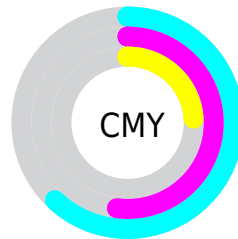


Cyan (49%)

Magenta (37%)

Yellow (0%)

Black (24%)



Cyan (62%)

Magenta (52%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284644033 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 4284644033 by changing the saturation by 10% instead.

 4284644033

 4284644033

4294967295

 4282802598

 4288261882

 4280896139

 4290169343

 4278203505

 4292011519

 4278198104

 4293984255

 4278191680
















 4278190890

 4278190356

 4278190080

 4284644033

 4284644033

 4283395265	 4285892801
 4282080705	 4287207361
 4280831937	 4288456129
 4279582913	 4289705153
 4278334145	 4291019457
 4278202817	 4292268481
	 4293517249
	 4294766017
	 4294966465

Harmonies

Analogous

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



4278224321



4284644033



4288113839

Triad

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



4284644033



4290209867



4279602538

Complementary

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



4284644033



4290881890

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.



4283926857



4284644033



4288705847

Square

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



4284644033



4290731884



4286611509



4278226830

Rectangle

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



4284644033



4289619099



4286611509



4281633886

Sweetspot

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



4284644033



4292140794



4284662184



4284902525



4294769916



4286414205

Same Dimension

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



4284644033



4284910842



4286079681



4283914849



4278200737



4278192161

Inverse Universe

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



4290863738



4294600332



4289446242



4284569434



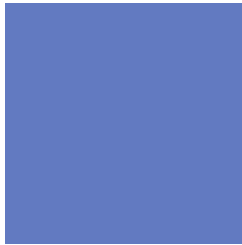
4288741417



4280352776

Previews

White Background



This preview shows how the Android color 4284644033 looks on a white background.

Color Contrast Check

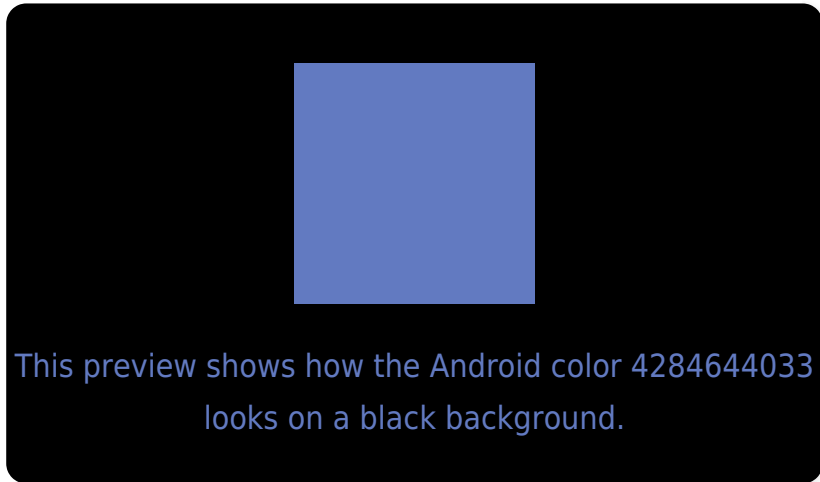
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 × Fail

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

Android 4284644033 Background



This preview shows how black text looks on a background with the Android color 4284644033.

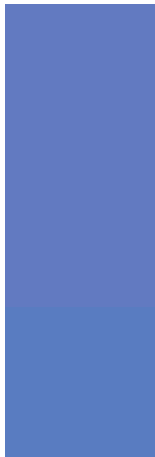


This preview shows how white text looks on a background with the Android color 4284644033.

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
4284644033

Protanopia
4284644033

Deuteranopia
4284054721

Trichromacy



Original Color
4284644033

Protanomaly
4284644033

Deuteranomaly
4284251073

Tritanomaly
4283990177

Monochromacy



Original Color
4284644033

Achromatopsia
4286282619

Achromatomaly
4285692820

CSS Examples

Text

The CSS property to change the color of the text to Android 4284644033 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(98, 122, 193)` looks like.

```
.text, #text, p{  
    color:rgb(98, 122, 193)  
}
```

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(98, 122, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 122, 193) }
```

Border

The CSS property to change the border of an element to Android 4284644033 is called "border". The border property can be set on classes, ids or directly on the HTML element.

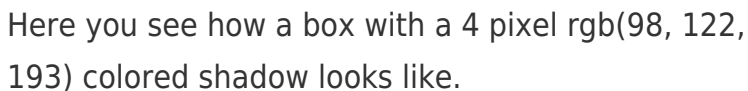
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 122, 193) }
```

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

```
.border{ border-color:rgb(98, 122, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 122, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 122, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 122, 193);  
box-shadow:4px 4px 4px 4px rgb(98, 122,  
193) }
```

Background

The CSS property to change the background color of an element to Android 4284644033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 122, 193) }
```

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

```
.background{ background-color: rgb(98, 122,  
193) }
```

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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