

Converting Colors

Android(4284164033)

Have a look what the booklet for
Android(4284164033) contains.

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Color

Android(4284164033)

Conversions

Conversions Part 1

Format	Color
Hex	5B27C1
RGB	91, 39, 193
RGB Percent	36%, 15%, 76%
CMY	0.6431, 0.8471, 0.2431
CMYK	0.53, 0.80, 0.00, 0.24
HSL	260°, 66%, 45%
HSV	260°, 80%, 76%
XYZ	14.6655, 7.5254, 51.1317
YIQ	72.1040, -18.4420, 58.9180

Conversions

Conversions Part 2

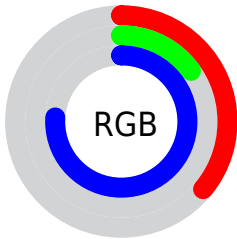
Format	Color
R_{YB}	91, 39, 193
Decimal	5973953
CIE _{Lab}	32.97, 57.08, -71.02
CIE _{LCh}	33, 91.114, 308.791
Yxy	7.5254, 0.2000, 0.1026
Android (android.graphics.Color)	4284164033 (0xFF5B27C1)
YUV	72.1040, 59.6017, 16.5718
Hunter-Lab	27.4325, 47.4199, -91.3082

Details

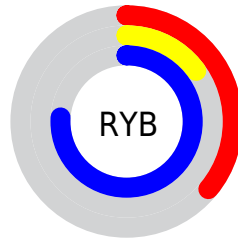
The Android color `4284164033` is a dark color, and the websafe version is hex `6633CC`. The color can be described as dark muted blue. A complement of this color would be `4287480103`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4288109563`, and `4279107722` is the 20% darker color. If you saturate the color by 10%, you get `4283307201`, and if you desaturate by 10%, it is `4285020865`.

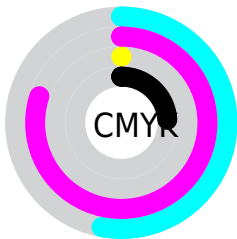
Distribution



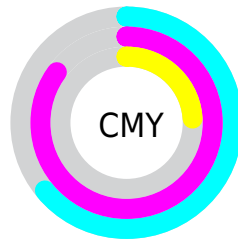
- Red (36%)
- Green (15%)
- Blue (76%)



- Red (36%)
- Yellow (15%)
- Blue (76%)



- Cyan (53%)
- Magenta (80%)
- Yellow (0%)
- Black (24%)



- Cyan (64%)
- Magenta (85%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284164033 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 4284164033 by changing the saturation by 10% instead.

 4284164033

 4284164033

4294967295

 4282058661

 4288109563

 4279107722

 4290016767

 4278190192

 4291989759

 4278190166

 4294028543

 4278191678

 4294953215

 4278190887

 4294960383

 4278190352

 4278190080

 4284164033

 4284164033

■ 4283307201

■ 4285020865

■ 4282450113

■ 4285877953

■ 4286669249

■ 4287526081

■ 4288383169

■ 4289240001

■ 4290031297

■ 4290888129

■ 4291745217

Harmonies

Analogous

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



4278211553



4284164033



4289462403

Triad

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



4284164033



4287050752



4278216290

Complementary

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



4284164033



4287480103

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.



4278215696



4284164033



4283191808

Square

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



4284164033



4289789952



4278214400



4278216616

Rectangle

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



4284164033



4290707540



4278214400



4278216265

Sweetspot

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



4284164033



4292001530



4280782529



4284832125



4294769916



4286414205

Same Dimension

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



4284164033



4284156666



4289144769



4284110689



4281729185



4278911009

Inverse Universe

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



4290848653



4294576809



4282499367



4284569438



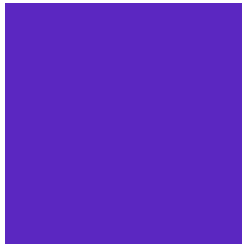
4288741482



4280352790

Previews

White Background



This preview shows how the Android color 4284164033 looks on a white background.

Color Contrast Check

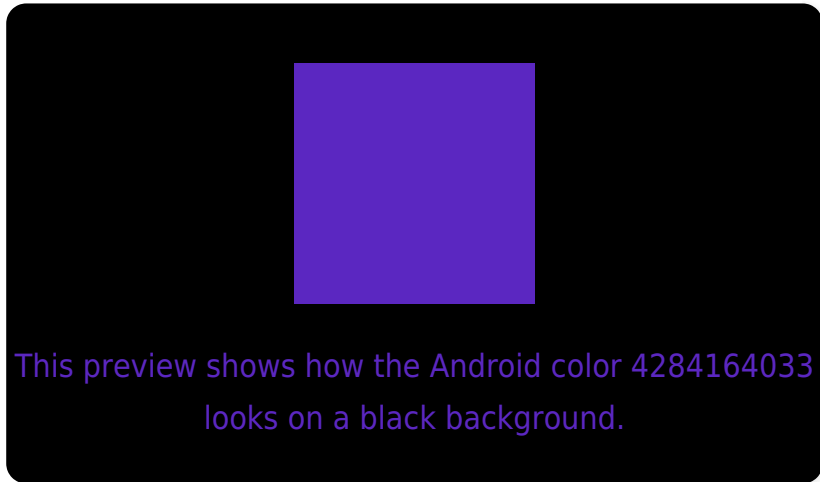
Large Text (above 18pt) WCAG AA ✓ Pass

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

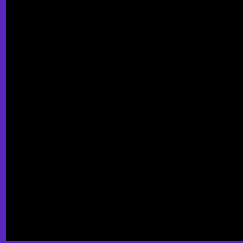
Any Text WCAG AA × Fail

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 4284164033 Background



This preview shows how black text looks on a background with the Android color 4284164033.



This preview shows how white text looks on a background with the Android color 4284164033.

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
4284164033

Protanopia
4278209438

Deuteranopia
4278210695

Trichromacy



Original Color
4284164033



Protanomaly
4280368811



Deuteranomaly
4280369564



Tritanomaly
4282794622

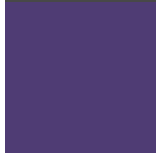
Monochromacy



Original Color
4284164033



Achromatopsia
4282927176



Achromatomaly
4283382900

CSS Examples

Text

The CSS property to change the color of the text to Android 4284164033 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(91, 39, 193)` looks like.

```
.text, #text, p{  
    color:rgb(91, 39, 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(91, 39, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 39, 193) }
```

Border

The CSS property to change the border of an element to Android 4284164033 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(91, 39, 193) }
```

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

```
.border{ border-color:rgb(91, 39, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 39, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 39, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 39, 193);  
box-shadow:4px 4px 4px 4px rgb(91, 39,  
193) }
```

Background

The CSS property to change the background color of an element to Android 4284164033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 39, 193) }
```

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

```
.background{ background-color: rgb(91, 39,  
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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