

Converting Colors

Android(4283593184)

Have a look what the booklet for
Android(4283593184) contains.

Android(4283593184)	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(4283593184)

Conversions

Conversions Part 1

Format	Color
Hex	5271E0
RGB	82, 113, 224
RGB Percent	32%, 44%, 88%
CMY	0.6784, 0.5569, 0.1216
CMYK	0.63, 0.50, 0.00, 0.12
HSL	227°, 70%, 60%
HSV	227°, 63%, 88%
XYZ	22.8393, 18.9859, 72.9819
YIQ	116.3850, -54.1070, 27.9490

Conversions

Conversions Part 2

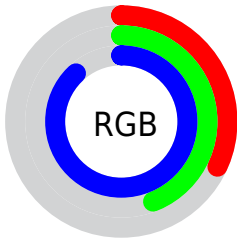
Format	Color
R_{YB}	82, 107, 224
Decimal	5403104
CIE _{Lab}	50.67, 23.48, -60.08
CIE _{LCh}	51, 64.505, 291.343
Yxy	18.9859, 0.1989, 0.1654
Android (android.graphics.Color)	4283593184 (0xFF5271E0)
YUV	116.3850, 53.0542, -30.1556
Hunter-Lab	43.5728, 17.3110, -68.8062

Details

The Android color `4283593184` is a dark color, and the websafe version is hex `3366CC`. The color can be described as middle muted azure. A complement of this color would be `4292919634`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4287669503`, and `4278207144` is the 20% darker color. If you saturate the color by 10%, you get `4282146784`, and if you desaturate by 10%, it is `4285039584`.

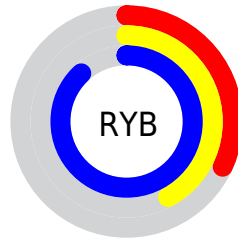
Distribution



Red (32%)

Green (44%)

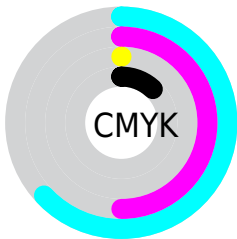
Blue (88%)



Red (32%)

Yellow (42%)

Blue (88%)

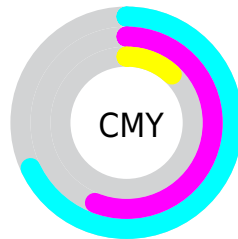


Cyan (63%)

Magenta (50%)

Yellow (0%)

Black (12%)



Cyan (68%)

Magenta (56%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283593184 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 4283593184 by changing the saturation by 10% instead.

 4283593184

 4283593184

4294967295


 4281227716

 4287669503

 4278207144

 4289576959

 4278201741

 4291550207

 4278196595

 4293589247

 4278190169

 4278191937

 4278190890

 4278190356

 4278190080

■ 4283593184

■ 4283593184

■ 4282146784

■ 4285039584

■ 4280635104

■ 4286551264

■ 4279188704

■ 4287997664

■ 4278202848

■ 4289509344

■ 4290955744

■ 4292401888

■ 4293913824

■ 4294966752

■ 4294967264

Harmonies

Analogous

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



4278224102



4283593184



4289353406

Triad

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



4283593184



4291123233



4278227046

Complementary

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



4283593184



4292919634

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.



4279667757



4283593184



4288639232

Square

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



4283593184



4292362324



4285301248



4278227359

Rectangle

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



4283593184



4291380381



4285301248



4278226771

Sweetspot

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



4283593184



4291811839



4283621567



4284639616



4278190080



4286611584

Same Dimension

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



4283593184



4282214655



4286075616



4284835696



4278199984



4278192944

Inverse Universe

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



4292891249



4294917480



4290437202



4285556071



4289724454



4281335819

Previews

White Background



This preview shows how the Android color 4283593184 looks on a white background.

Color Contrast Check

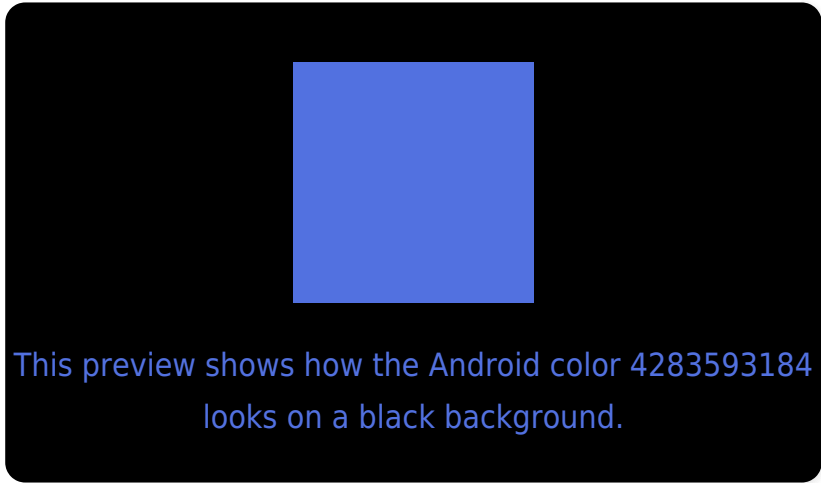
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283593184 Background



This preview shows how black text looks on a background with the Android color 4283593184.



This preview shows how white text looks on a background with the Android color 4283593184.

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



Trichromacy



Original Color
4283593184

Protanomaly
4282610658

Deuteranomaly
4280186843

Tritanomaly
4281695660

Monochromacy



Original Color
4283593184

Achromatopsia
4285822068

Achromatomaly
4285035419

CSS Examples

Text

The CSS property to change the color of the text to Android 4283593184 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(82, 113, 224)` looks like.

```
.text, #text, p{  
    color:rgb(82, 113, 224)  
}
```

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(82, 113, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 113, 224) }
```

Border

The CSS property to change the border of an element to Android 4283593184 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(82, 113, 224) }
```

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

```
.border{ border-color:rgb(82, 113, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 113, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 113, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 113, 224);  
box-shadow:4px 4px 4px 4px rgb(82, 113,  
224) }
```

Background

The CSS property to change the background color of an element to Android 4283593184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 113, 224) }
```

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

```
.background{ background-color: rgb(82, 113,  
224) }
```

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