

Converting Colors

Android(4283526568)

Have a look what the booklet for
Android(4283526568) contains.

Android(4283526568)	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(4283526568)

Conversions

Conversions Part 1

Format	Color
Hex	516DA8
RGB	81, 109, 168
RGB Percent	32%, 43%, 66%
CMY	0.6824, 0.5725, 0.3412
CMYK	0.52, 0.35, 0.00, 0.34
HSL	221°, 35%, 49%
HSV	221°, 52%, 66%
XYZ	15.9299, 15.5138, 39.2006
YIQ	107.3540, -35.6270, 12.4130

Conversions

Conversions Part 2

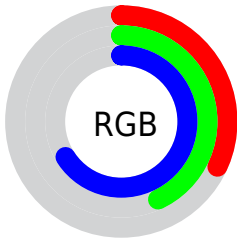
Format	Color
R_{YB}	81, 102, 168
Decimal	5336488
CIE _{Lab}	46.33, 7.01, -34.81
CIE _{LCh}	46, 35.512, 281.384
Yxy	15.5138, 0.2255, 0.2196
Android (android.graphics.Color)	4283526568 (0xFF516DA8)
YUV	107.3540, 29.8985, -23.1125
Hunter-Lab	39.3875, 3.2643, -31.4375

Details

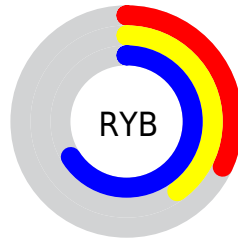
The Android color `4283526568` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289236049`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4287078624`, and `4279647860` is the 20% darker color. If you saturate the color by 10%, you get `4282409640`, and if you desaturate by 10%, it is `4284643496`.

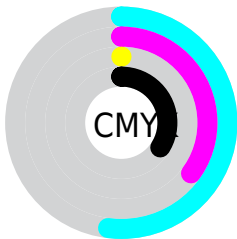
Distribution



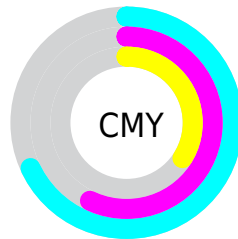
- Red (32%)
- Green (43%)
- Blue (66%)



- Red (32%)
- Yellow (40%)
- Blue (66%)



- Cyan (52%)
- Magenta (35%)
- Yellow (0%)
- Black (34%)



- Cyan (68%)
- Magenta (57%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283526568 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 4283526568 by changing the saturation by 10% instead.

■ 4283526568

■ 4283526568

4294967295

■ 4281685389

■ 4287078624

■ 4279647860

■ 4288920572

■ 4278200667

■ 4290762751

■ 4278195523

■ 4292670463

■ 4278190892

■ 4294574079

■ 4278190359

■ 4278190080

■ 4283526568

■ 4283526568

■ 4282409640

■ 4284643496

■ 4281292456

■ 4285760680

■ 4280241064

■ 4286812072

■ 4279123880

■ 4287929256

■ 4278204072

■ 4289046184

■ 4290163112

■ 4291280296

■ 4292331688

■ 4293448872

Harmonies

Analogous

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



4278220454



4283526568



4286538395

Triad

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



4283526568



4288764744



4280843354

Complementary

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



4283526568



4289236049

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.



4283725632



4283526568



4287587893

Square

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



4283526568



4289090915



4285886513



4278222201

Rectangle

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



4283526568



4287912587



4285886513



4281957200

Sweetspot

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



4283526568



4290299099



4283541643



4284047470



4293783021



4285427310

Same Dimension

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



4283526568



4283662299



4284436904



4283190868



4278202516



4278191892

Inverse Universe

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



4289220973



4292563839



4288260177



4283714638



4287889456



4279500807

Previews

White Background



This preview shows how the Android color 4283526568 looks on a white background.

Color Contrast Check

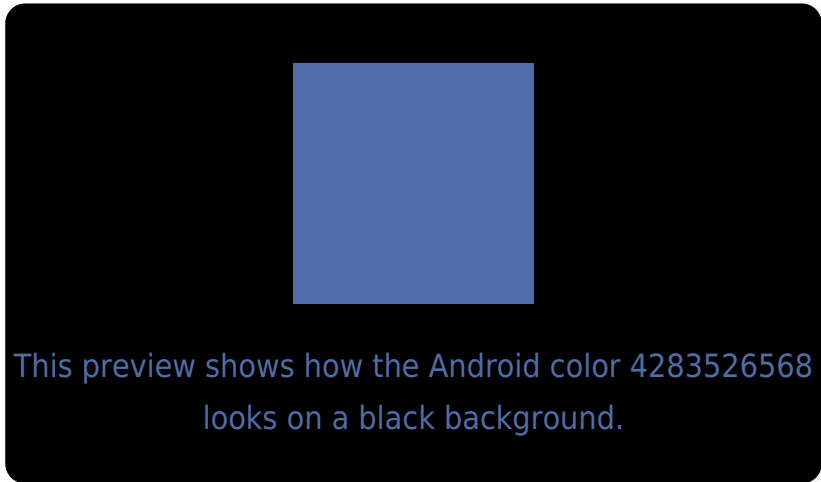
Large Text (above 18pt) WCAG AA ✓ Pass

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

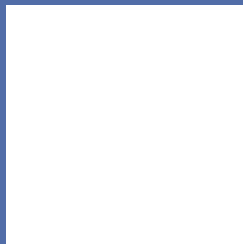
Any Text WCAG AAA × Fail

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

Android 4283526568 Background



This preview shows how black text looks on a background with the Android color 4283526568.

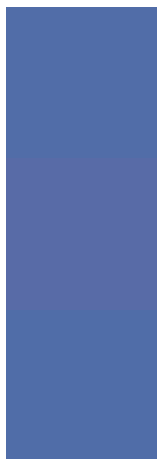


This preview shows how white text looks on a background with the Android color 4283526568.

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

4283526568

Protanopia

4283984807

Deuteranopia

4283461032

Trichromacy



Original Color
4283526568

Protanomaly
4283788455

Deuteranomaly
4283461032

Tritanomaly
4282937998

Monochromacy



Original Color
4283526568

Achromatopsia
4285229931

Achromatomaly
4284640385

CSS Examples

Text

The CSS property to change the color of the text to Android 4283526568 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(81, 109, 168)` looks like.

```
.text, #text, p{  
    color:rgb(81, 109, 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(81, 109, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 109, 168) }
```

Border

The CSS property to change the border of an element to Android 4283526568 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(81, 109, 168) }
```

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

```
.border{ border-color:rgb(81, 109, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 109, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 109, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 109, 168);  
box-shadow:4px 4px 4px 4px rgb(81, 109,  
168) }
```

Background

The CSS property to change the background color of an element to Android 4283526568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 109, 168) }
```

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

```
.background{ background-color: rgb(81, 109,  
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](#).

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