

Converting Colors

Android(4281626539)

Have a look what the booklet for
Android(4281626539) contains.

Android(4281626539)	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(4281626539)

Conversions

Conversions Part 1

Format	Color
Hex	346FAB
RGB	52, 111, 171
RGB Percent	20%, 44%, 67%
CMY	0.7961, 0.5647, 0.3294
CMYK	0.70, 0.35, 0.00, 0.33
HSL	210°, 53%, 44%
HSV	210°, 70%, 67%
XYZ	14.4513, 15.0392, 40.6693
YIQ	100.1990, -54.4240, 6.1520

Conversions

Conversions Part 2

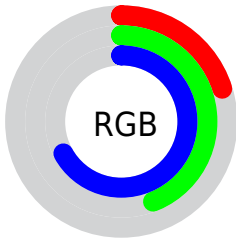
Format	Color
RYB	52, 91, 171
Decimal	3436459
CIELab	45.69, 0.97, -37.68
CIELCh	46, 37.688, 271.474
Yxy	15.0392, 0.2060, 0.2144
Android (android.graphics.Color)	4281626539 (0xFF346FAB)
YUV	100.1990, 34.9049, -42.2705
Hunter-Lab	38.7804, -1.3488, -35.0315

Details

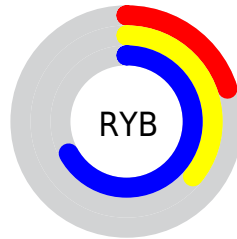
The Android color `4281626539` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289425460`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4285571811`, and `4278206582` is the 20% darker color. If you saturate the color by 10%, you get `4280510123`, and if you desaturate by 10%, it is `4282742955`.

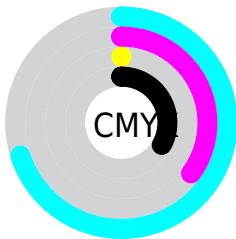
Distribution



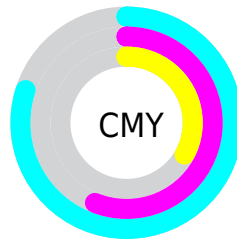
- Red (20%)
- Green (44%)
- Blue (67%)



- Red (20%)
- Yellow (36%)
- Blue (67%)



- Cyan (70%)
- Magenta (35%)
- Yellow (0%)
- Black (33%)



- Cyan (80%)
- Magenta (56%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281626539 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 4281626539 by changing the saturation by 10% instead.

■ 4281626539

■ 4281626539

4294967295

■ 4278605712

■ 4285571811

■ 4278206582

■ 4287413759

■ 4278200925

■ 4289321471

■ 4278195781

■ 4291229183

■ 4278191150

■ 4293197823

■ 4278190361

■ 4278190080

■ 4281626539

■ 4281626539

■ 4280510123

■ 4282742955

■ 4279393963

■ 4283859115

■ 4278277547

■ 4284975531

■ 4278212011

■ 4286091691

■ 4287208107

■ 4288390059

■ 4289506219

■ 4290622635

■ 4291739051

Harmonies

Analogous

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



4278220707



4281626539



4285555618

Triad

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



4281626539



4289025357



4281563725

Complementary

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



4281626539



4289425460

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.



4284314676



4281626539



4288045109

Square

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



4281626539



4289024364



4286409515



4278221933

Rectangle

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



4281626539



4287257492



4286409515



4282611779

Sweetspot

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



4281626539



4289709790



4281641839



4283720304



4293980400



4285558896

Same Dimension

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



4281626539



4280516830



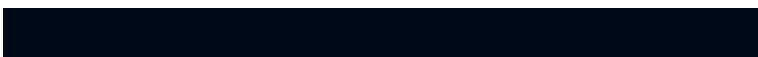
4281611435



4283322967



4278209430



4278192919

Inverse Universe

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



4289410159



4292748160



4289440564



4283911762



4288020555



4279697419

Previews

White Background



This preview shows how the Android color 4281626539 looks on a white background.

Color Contrast Check

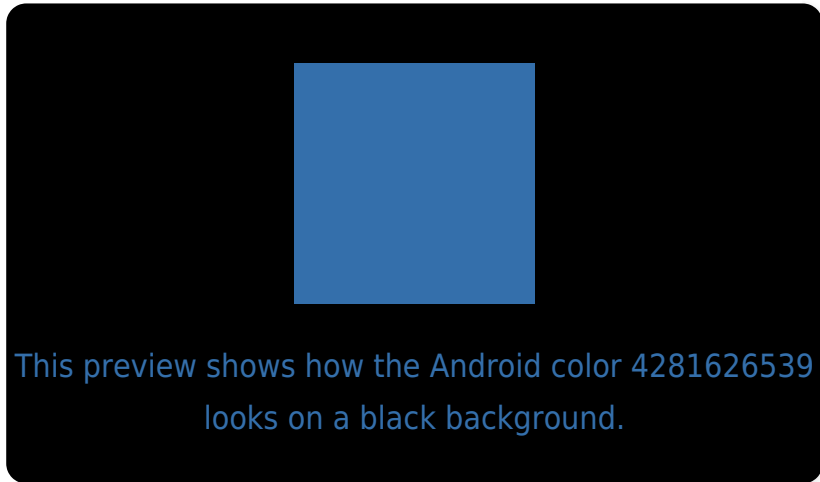
Large Text (above 18pt) WCAG AA ✓ Pass

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

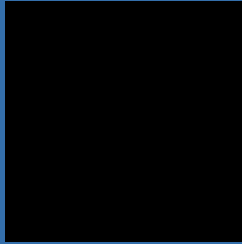
Any Text WCAG AA × Fail

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 4281626539 Background



This preview shows how black text looks on a background with the Android color 4281626539.



This preview shows how white text looks on a background with the Android color 4281626539.

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

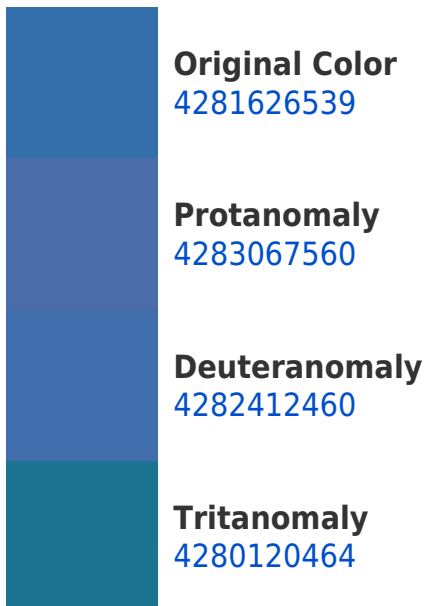


Original Color
4281626539

Protanopia
4283853478

Deuteranopia
4282870956

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4281626539 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(52, 111, 171)` looks like.

```
.text, #text, p{  
    color:rgb(52, 111, 171)  
}
```

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(52, 111, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 111, 171) }
```

Border

The CSS property to change the border of an element to Android 4281626539 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(52, 111, 171) }
```

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

```
.border{ border-color:rgb(52, 111, 171) }
```

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

Here you see how a box with a 4 pixel rgb(52, 111, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 111, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 111, 171);  
box-shadow:4px 4px 4px 4px rgb(52, 111,  
171) }
```

Background

The CSS property to change the background color of an element to Android 4281626539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 111, 171) }
```

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

```
.background{ background-color: rgb(52, 111,  
171) }
```

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