

Converting Colors

Android(4284249261)

Have a look what the booklet for
Android(4284249261) contains.

Android(4284249261)	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(4284249261)

Conversions

Conversions Part 1

Format	Color
Hex	5C74AD
RGB	92, 116, 173
RGB Percent	36%, 45%, 68%
CMY	0.6392, 0.5451, 0.3216
CMYK	0.47, 0.33, 0.00, 0.32
HSL	222°, 33%, 52%
HSV	222°, 47%, 68%
XYZ	18.2018, 17.7832, 42.0083
YIQ	115.3220, -32.6010, 12.6390

Conversions

Conversions Part 2

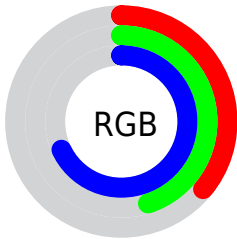
Format	Color
R_{YB}	92, 111, 173
Decimal	6059181
CIE _{Lab}	49.23, 7.03, -33.13
CIE _{LCh}	49, 33.866, 281.978
Yxy	17.7832, 0.2334, 0.2280
Android (android.graphics.Color)	4284249261 (0xFF5C74AD)
YUV	115.3220, 28.4353, -20.4534
Hunter-Lab	42.1702, 3.2479, -29.5434

Details

The Android color `4284249261` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289566044`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4287801573`, and `4280632440` is the 20% darker color. If you saturate the color by 10%, you get `4283132077`, and if you desaturate by 10%, it is `4285366445`.

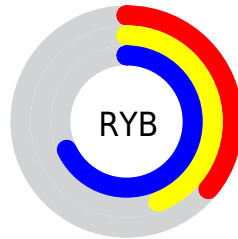
Distribution



Red (36%)

Green (45%)

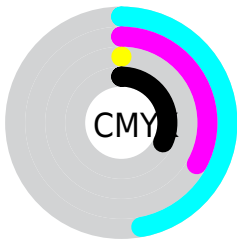
Blue (68%)



Red (36%)

Yellow (44%)

Blue (68%)

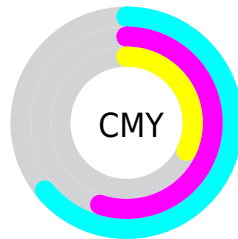


Cyan (47%)

Magenta (33%)

Yellow (0%)

Black (32%)



Cyan (64%)

Magenta (55%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284249261 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 4284249261 by changing the saturation by 10% instead.



4284249261



4284249261

4294967295



4282473618



4287801573



4280632440



4289643519



4278201951



4291485695



4278196807



4293393407



4278190385



4278190363



4278190080



4284249261



4284249261



4283132077



4285366445

■ 4281949357

■ 4286549165

■ 4280831917

■ 4287666605

■ 4279714733

■ 4288783789

■ 4278532013

■ 4289966509

■ 4278203309

■ 4291083693

■ 4292200877

■ 4293318061

■ 4294501037

Harmonies

Analogous

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



4279860651



4284249261



4287064480

Triad

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



4284249261



4289160016



4281631586

Complementary

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



4284249261



4289566044

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.



4284251721



4284249261



4288048446

Square

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



4284249261



4289486442



4286347067



4278224000

Rectangle

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



4284249261



4288308112



4286347067



4282614361

Sweetspot

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



4284249261



4290890464



4284263829



4284310384



4293980400



4285558896

Same Dimension

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



4284249261



4284713184



4285291693



4283322711



4278201750



4278191895

Inverse Universe

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



4289551476



4292895624



4288523612



4283911761



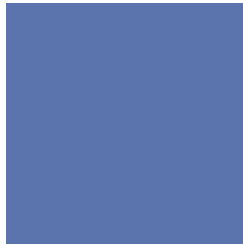
4288020525



4279697415

Previews

White Background



This preview shows how the Android color 4284249261 looks on a white background.

Color Contrast Check

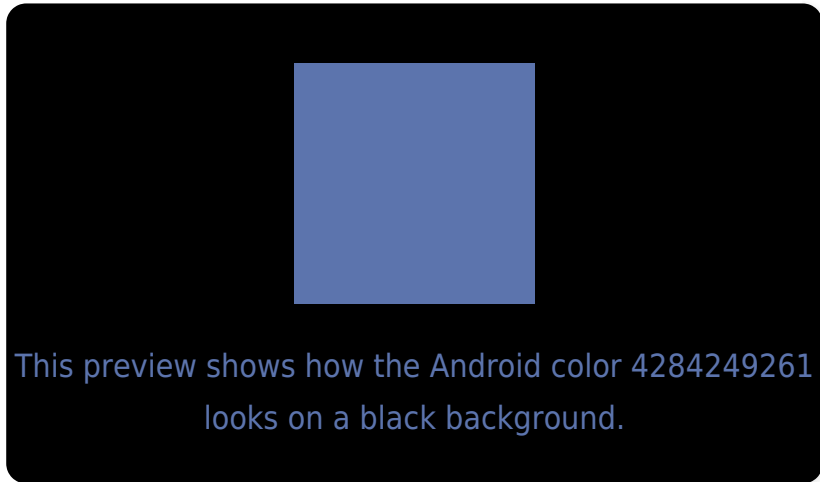
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

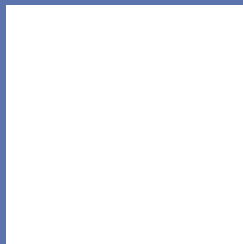
Any Text WCAG AAA × Fail

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

Android 4284249261 Background



This preview shows how black text looks on a background with the Android color 4284249261.

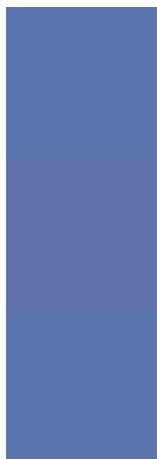


This preview shows how white text looks on a background with the Android color 4284249261.

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

4284249261

Protanopia

4284642220

Deuteranopia

4284249261

Trichromacy



Original Color
4284249261

Protanomaly
4284511148

Deuteranomaly
4284249261

Tritanomaly
4283726228

Monochromacy



Original Color
4284249261

Achromatopsia
4285756275

Achromatomaly
4285232008

CSS Examples

Text

The CSS property to change the color of the text to Android 4284249261 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(92, 116, 173)` looks like.

```
.text, #text, p{  
    color:rgb(92, 116, 173)  
}
```

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(92, 116, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 116, 173) }
```

Border

The CSS property to change the border of an element to Android 4284249261 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(92, 116, 173) }
```

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

```
.border{ border-color:rgb(92, 116, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 116, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 116, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 116, 173);  
box-shadow:4px 4px 4px 4px rgb(92, 116,  
173) }
```

Background

The CSS property to change the background color of an element to Android 4284249261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 116, 173) }
```

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

```
.background{ background-color: rgb(92, 116,  
173) }
```

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