

Converting Colors

Android(4284056229)

Have a look what the booklet for
Android(4284056229) contains.

Android(4284056229)	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(4284056229)

Conversions

Conversions Part 1

Format	Color
Hex	5982A5
RGB	89, 130, 165
RGB Percent	35%, 51%, 65%
CMY	0.6510, 0.4902, 0.3529
CMYK	0.46, 0.21, 0.00, 0.35
HSL	208°, 30%, 50%
HSV	208°, 46%, 65%
XYZ	18.8940, 20.8057, 38.6174
YIQ	121.7310, -35.6710, 2.1930

Conversions

Conversions Part 2

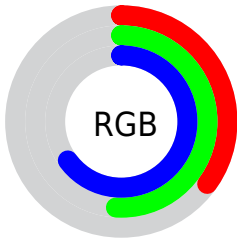
Format	Color
R _Y B	89, 116, 165
Decimal	5866149
CIE Lab	52.74, -4.47, -23.06
CIE LCh	53, 23.488, 259.034
Yxy	20.8057, 0.2412, 0.2657
Android (android.graphics.Color)	4284056229 (0xFF5982A5)
YUV	121.7310, 21.3316, -28.7051
Hunter-Lab	45.6133, -5.8848, -18.2672

Details

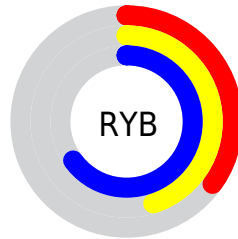
The Android color `4284056229` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4289035353`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4287608796`, and `4280504689` is the 20% darker color. If you saturate the color by 10%, you get `4282940069`, and if you desaturate by 10%, it is `4285106853`.

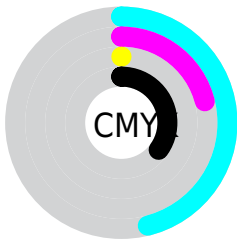
Distribution



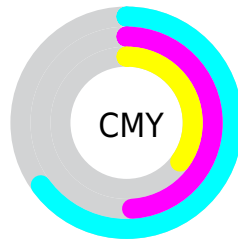
- Red (35%)
- Green (51%)
- Blue (65%)



- Red (35%)
- Yellow (45%)
- Blue (65%)



- Cyan (46%)
- Magenta (21%)
- Yellow (0%)
- Black (35%)



- Cyan (65%)
- Magenta (49%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284056229 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 4284056229 by changing the saturation by 10% instead.

 4284056229

 4284056229

4294967295

 4282345867

 4287608796

 4280504689

 4289385209

 4278205016

 4291227647

 4278199617

 4293132287

 4278193963

 4278190358

 4278190080

 4284056229

 4284056229

 4282940069

 4285106853

■ 4281889701

■ 4286222757

■ 4280773541

■ 4287338917

■ 4279723173

■ 4288389285

■ 4278672549

■ 4289439909

■ 4278213029

■ 4290556069

■ 4291606437

■ 4292722597

■ 4293772965

Harmonies

Analogous

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



4282550172



4284056229



4286020516

Triad

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



4284056229



4289097586



4285040227

Complementary

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



4284056229



4289035353

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.



4286546263



4284056229



4288770912

Square

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



4284056229



4288770182



4287855191



4283533686

Rectangle

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



4284056229



4287199133



4287855191



4285563998

Sweetspot

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



4284056229



4290300118



4284065147



4284048235



4293651435



4285229931

Same Dimension

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



4284056229



4284522710



4284046757



4282994258



4278210193



4278192658

Inverse Universe

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



4289026434



4292239520



4289044825



4283582798



4287692878



4279369738

Previews

White Background



This preview shows how the Android color 4284056229 looks on a white background.

Color Contrast Check

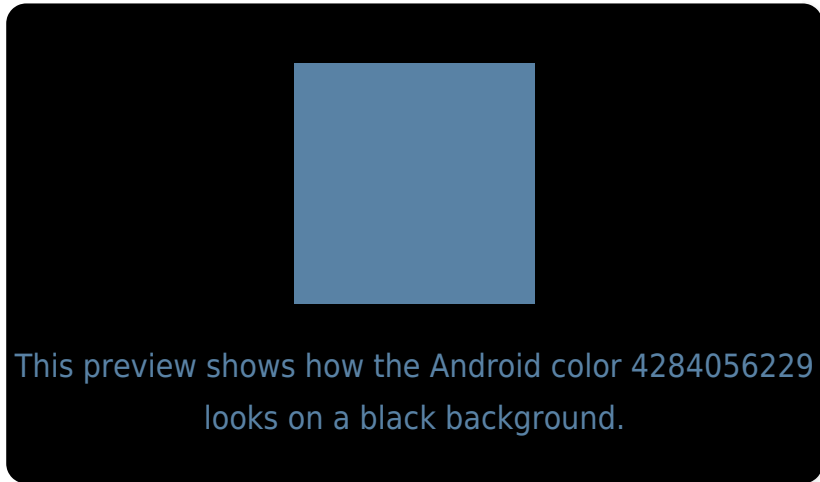
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284056229 Background



This preview shows how black text looks on a background with the Android color 4284056229.

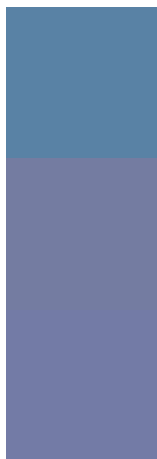


This preview shows how white text looks on a background with the Android color 4284056229.

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
4284056229

Protanopia
4285824161

Deuteranopia
4285758374

Trichromacy



Original Color
4284056229

Protanomaly
4285169314

Deuteranomaly
4285169318

Tritanomaly
4283794840

Monochromacy



Original Color
4284056229

Achromatopsia
4286216826

Achromatomaly
4285431178

CSS Examples

Text

The CSS property to change the color of the text to Android 4284056229 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(89, 130, 165)` looks like.

```
.text, #text, p{  
    color:rgb(89, 130, 165)  
}
```

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(89, 130, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 130, 165) }
```

Border

The CSS property to change the border of an element to Android 4284056229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

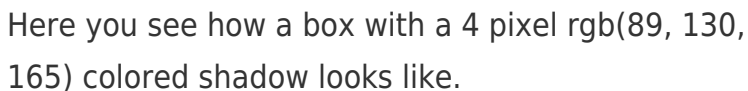
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(89, 130, 165) }
```

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

```
.border{ border-color:rgb(89, 130, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(89, 130, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 130, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 130, 165);  
box-shadow:4px 4px 4px 4px rgb(89, 130,  
165) }
```

Background

The CSS property to change the background color of an element to Android 4284056229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 130, 165) }
```

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

```
.background{ background-color: rgb(89, 130,  
165) }
```

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