

Converting Colors

Android(4284643741)

Have a look what the booklet for
Android(4284643741) contains.

Android(4284643741)	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(4284643741)

Conversions

Conversions Part 1

Format	Color
Hex	62799D
RGB	98, 121, 157
RGB Percent	38%, 47%, 62%
CMY	0.6157, 0.5255, 0.3843
CMYK	0.38, 0.23, 0.00, 0.38
HSL	217°, 23%, 50%
HSV	217°, 38%, 62%
XYZ	17.9602, 18.7057, 34.5623
YIQ	118.2270, -25.2640, 6.3200

Conversions

Conversions Part 2

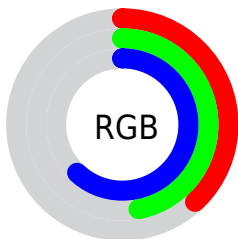
Format	Color
R_{YB}	98, 115, 157
Decimal	6453661
CIE _{Lab}	50.34, 0.97, -22.05
CIE _{LCh}	50, 22.070, 272.511
Yxy	18.7057, 0.2521, 0.2626
Android (android.graphics.Color)	4284643741 (0xFF62799D)
YUV	118.2270, 19.1151, -17.7391
Hunter-Lab	43.2501, -1.5633, -17.1050

Details

The Android color `4284643741` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288513634`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4288130516`, and `4281354602` is the 20% darker color. If you saturate the color by 10%, you get `4283592605`, and if you desaturate by 10%, it is `4285694877`.

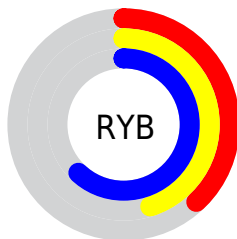
Distribution



Red (38%)

Green (47%)

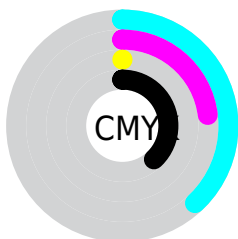
Blue (62%)



Red (38%)

Yellow (45%)

Blue (62%)

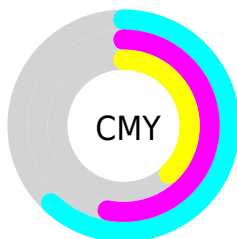


Cyan (38%)

Magenta (23%)

Yellow (0%)

Black (38%)



Cyan (62%)

Magenta (53%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284643741 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 4284643741 by changing the saturation by 10% instead.

■ 4284643741

■ 4284643741

4294967295

■ 4282998915

■ 4288130516

■ 4281354602

■ 4289907184

■ 4279644753

■ 4291749375

■ 4278197818

■ 4293591039

■ 4278190885

■ 4278190349

■ 4278190080

■ 4284643741

■ 4284643741

■ 4283592605

■ 4285694877

■ 4282607261

■ 4286680221

■ 4281556125

■ 4287731357

■ 4280505245

■ 4288782237

■ 4279519645

■ 4289833373

■ 4278468765

■ 4290818717

■ 4278205853

■ 4291869853

■ 4292920989

■ 4293906333

Harmonies

Analogous

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



4283006617



4284643741



4286411415

Triad

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



4284643741



4288506981



4284121446

Complementary

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



4284643741



4288513634

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.



4285496664



4284643741



4287918423

Square

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



4284643741



4288440951



4286871378



4282811001

Rectangle

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



4284643741



4287327887



4286871378



4284579936

Sweetspot

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



4284643741



4290166476



4284652933



4284046950



4293322470



4284900966

Same Dimension

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



4284643741



4285568204



4285031069



4282862159



4278204559



4278191631

Inverse Universe

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



4288504441



4291588244



4288126306



4283385674



4287561784



4279173126

Previews

White Background



This preview shows how the Android color 4284643741 looks on a white background.

Color Contrast Check

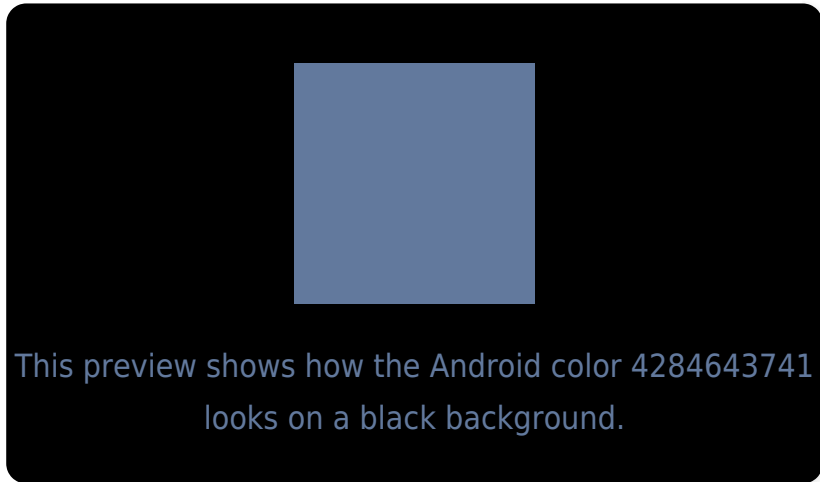
Large Text (above 18pt) WCAG AA ✓ Pass

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

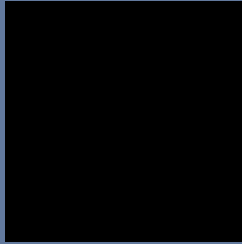
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

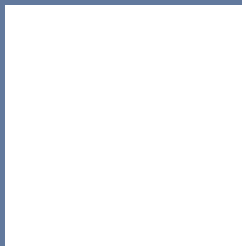
Any Text WCAG AAA × Fail

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

Android 4284643741 Background



This preview shows how black text looks on a background with the Android color 4284643741.

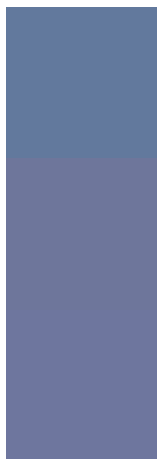


This preview shows how white text looks on a background with the Android color 4284643741.

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

4284643741

Protanopia

4285429403

Deuteranopia

4285429406

Trichromacy



Original Color
4284643741

Protanomaly
4285167516

Deuteranomaly
4285167518

Tritanomaly
4284447887

Monochromacy



Original Color
4284643741

Achromatopsia
4285953654

Achromatomaly
4285495172

CSS Examples

Text

The CSS property to change the color of the text to Android 4284643741 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(98, 121, 157)` looks like.

```
.text, #text, p{  
    color:rgb(98, 121, 157)  
}
```

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(98, 121, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 121, 157) }
```

Border

The CSS property to change the border of an element to Android 4284643741 is called "border". The border property can be set on classes, ids or directly on the HTML element.

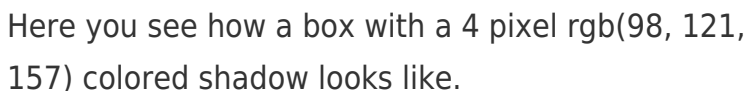
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 121, 157) }
```

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

```
.border{ border-color:rgb(98, 121, 157) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 121, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 121, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 121, 157);  
box-shadow:4px 4px 4px 4px rgb(98, 121,  
157) }
```

Background

The CSS property to change the background color of an element to Android 4284643741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 121, 157) }
```

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

```
.background{ background-color: rgb(98, 121,  
157) }
```

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