

Converting Colors

Android(4285828013)

Have a look what the booklet for
Android(4285828013) contains.

Android(4285828013)	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(4285828013)

Conversions

Conversions Part 1

Format	Color
Hex	748BAD
RGB	116, 139, 173
RGB Percent	45%, 55%, 68%
CMY	0.5451, 0.4549, 0.3216
CMYK	0.33, 0.20, 0.00, 0.32
HSL	216°, 26%, 57%
HSV	216°, 33%, 68%
XYZ	23.9779, 25.1954, 43.1346
YIQ	135.9990, -24.6220, 5.6980

Conversions

Conversions Part 2

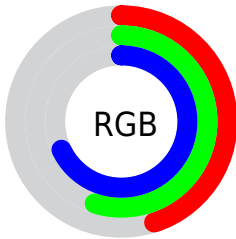
Format	Color
RYB	116, 132, 173
Decimal	7637933
CIELab	57.27, 0.13, -20.57
CIELCh	57, 20.569, 270.373
Yxy	25.1954, 0.2598, 0.2729
Android (android.graphics.Color)	4285828013 (0xFF748BAD)
YUV	135.9990, 18.2415, -17.5391
Hunter-Lab	50.1950, -2.5727, -15.8138

Details

The Android color `4285828013` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4289566324`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4289315045`, and `4282472825` is the 20% darker color. If you saturate the color by 10%, you get `4284711341`, and if you desaturate by 10%, it is `4286944685`.

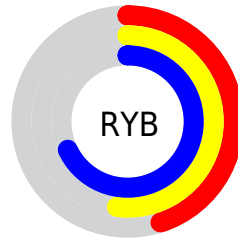
Distribution



Red (45%)

Green (55%)

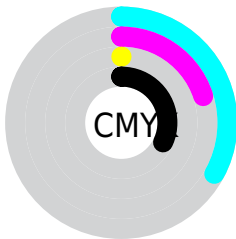
Blue (68%)



Red (45%)

Yellow (52%)

Blue (68%)

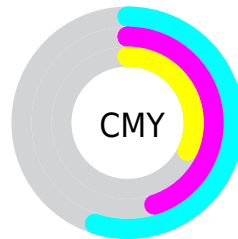


Cyan (33%)

Magenta (20%)

Yellow (0%)

Black (32%)



Cyan (55%)

Magenta (45%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285828013 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 4285828013 by changing the saturation by 10% instead.

■ 4285828013

■ 4285828013

4294967295

■ 4284117650

■ 4289315045

■ 4282472825

■ 4291157247

■ 4280894048

■ 4292999679

■ 4279118920

4294901759

■ 4278196273

■ 4278190620

■ 4278190080

■ 4285828013

■ 4285828013

■ 4284711341

■ 4286944685

■ 4283528877

■ 4288127149

■ 4282412205

■ 4289243821

■ 4281295533

■ 4290360493

■ 4280178605

■ 4291542957

■ 4278996397

■ 4292659629

■ 4278208173

■ 4293776301

■ 4294893229

■ 4294961325

Harmonies

Analogous

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



4284387496



4285828013



4287464872

Triad

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



4285828013



4289625720



4285502071

Complementary

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



4285828013



4289566324

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.



4286811754



4285828013



4289102443

Square

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



4285828013



4289494410



4288120934



4284322953

Rectangle

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



4285828013



4288381345



4288120934



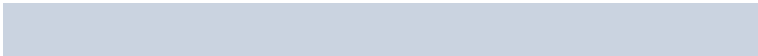
4285895026

Sweetspot

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



4285828013



4291482592



4285836693



4284704880



4293980400



4285558896

Same Dimension

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



4285828013



4287081440



4286149805



4283322967



4278205846



4278192407

Inverse Universe

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



4289557643



4292904875



4289244532



4283911762



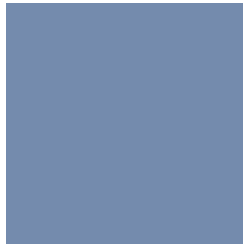
4288020541



4279697417

Previews

White Background



This preview shows how the Android color 4285828013 looks on a white background.

Color Contrast Check

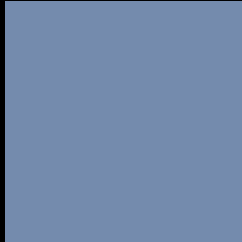
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4285828013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

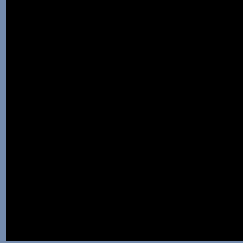
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

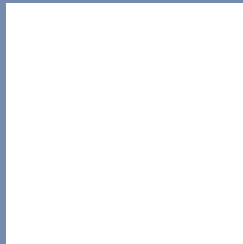
Any Text WCAG AAA × Fail

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

Android 4285828013 Background



This preview shows how black text looks on a background with the Android color 4285828013.

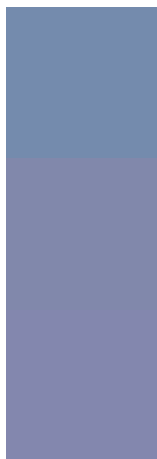


This preview shows how white text looks on a background with the Android color 4285828013.

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

4285828013

Protanopia

4286679211

Deuteranopia

4286810030

Trichromacy



Original Color
4285828013

Protanomaly
4286351788

Deuteranomaly
4286482606

Tritanomaly
4285631905

Monochromacy



Original Color
4285828013

Achromatopsia
4287137928

Achromatomaly
4286679445

CSS Examples

Text

The CSS property to change the color of the text to Android 4285828013 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(116, 139, 173)` looks like.

```
.text, #text, p{  
    color:rgb(116, 139, 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(116, 139, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 139, 173) }
```

Border

The CSS property to change the border of an element to Android 4285828013 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(116, 139, 173) }
```

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

```
.border{ border-color:rgb(116, 139, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 139, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 139, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 139, 173);  
box-shadow:4px 4px 4px 4px rgb(116, 139,  
173) }
```

Background

The CSS property to change the background color of an element to Android 4285828013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 139, 173) }
```

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

```
.background{ background-color: rgb(116,  
139, 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