

Converting Colors

Android(4281829285)

Have a look what the booklet for
Android(4281829285) contains.

Android(4281829285)	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(4281829285)

Conversions

Conversions Part 1

Format	Color
Hex	3787A5
RGB	55, 135, 165
RGB Percent	22%, 53%, 65%
CMY	0.7843, 0.4706, 0.3529
CMYK	0.67, 0.18, 0.00, 0.35
HSL	196°, 50%, 43%
HSV	196°, 67%, 65%
XYZ	17.0311, 20.8568, 38.7254
YIQ	114.5000, -57.3100, -7.6300

Conversions

Conversions Part 2

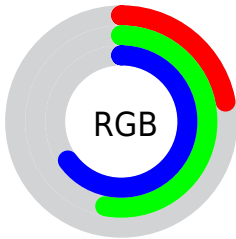
Format	Color
RYB	55, 101, 165
Decimal	3639205
CIELab	52.79, -14.63, -23.09
CIElCh	53, 27.341, 237.638
Yxy	20.8568, 0.2223, 0.2722
Android (android.graphics.Color)	4281829285 (0xFF3787A5)
YUV	114.5000, 24.8965, -52.1815
Hunter-Lab	45.6692, -13.3546, -18.3068

Details

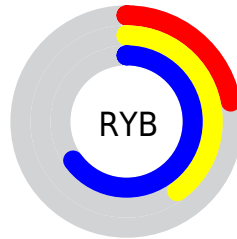
The Android color `4281829285` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4289025335`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4285709532`, and `4278211953` is the 20% darker color. If you saturate the color by 10%, you get `4280779429`, and if you desaturate by 10%, it is `4282944421`.

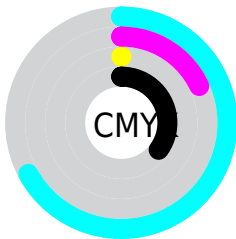
Distribution



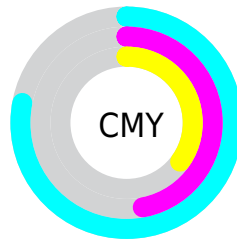
- Red (22%)
- Green (53%)
- Blue (65%)



- Red (22%)
- Yellow (40%)
- Blue (65%)



- Cyan (67%)
- Magenta (18%)
- Yellow (0%)
- Black (35%)



- Cyan (78%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281829285 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 4281829285 by changing the saturation by 10% instead.



4281829285



4281829285

4294967295



4279135883



4285709532



4278211953



4287551737



4278206040



4289459711



4278200385



4291362815



4278195243



4293263359



4278190358



4278190080



4281829285



4281829285



4280779429



4282944421

■ 4279664293

■ 4283994277

■ 4278614437

■ 4285109413

■ 4278220965

■ 4286159269

■ 4287274405

■ 4288324261

■ 4289439397

■ 4290489253

■ 4291539109

Harmonies

Analogous

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



4280978067



4281829285



4284187053

Triad

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



4281829285



4289358977



4286022484

Complementary

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



4281829285



4289025335

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.



4287659087



4281829285



4289490537

Square

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



4281829285



4288311703



4288836695



4284254308

Rectangle

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



4281829285



4285758379



4288836695



4286611793

Sweetspot

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



4281829285



4289448918



4281836884



4283524203



4293651435



4285229931

Same Dimension

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



4281829285



4281051094



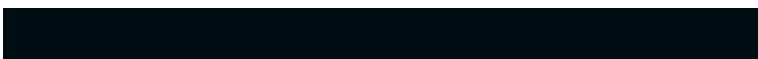
4281815461



4282994514



4278217361



4278193426

Inverse Universe

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



4289017735



4292225959



4289039159



4283582799



4287692906



4279369741

Previews

White Background



This preview shows how the Android color 4281829285 looks on a white background.

Color Contrast Check

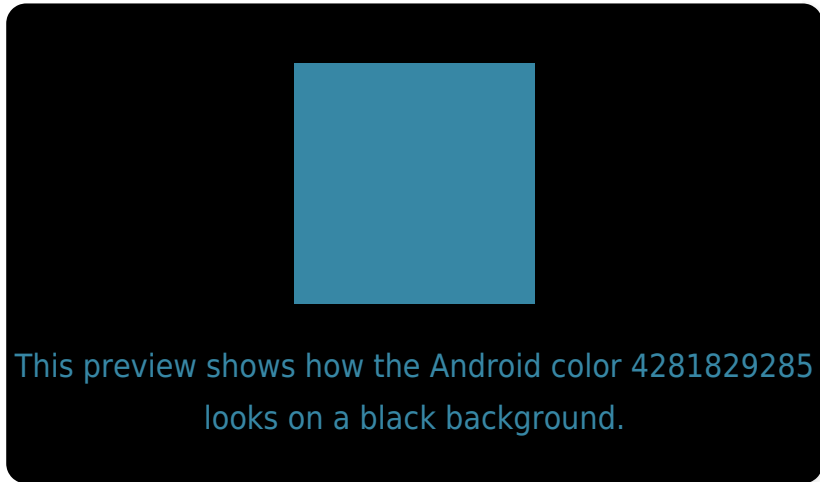
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281829285 Background



This preview shows how black text looks on a background with the Android color 4281829285.



This preview shows how white text looks on a background with the Android color 4281829285.

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4281829285 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(55, 135, 165)` looks like.

```
.text, #text, p{  
    color:rgb(55, 135, 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(55, 135, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 135, 165) }
```

Border

The CSS property to change the border of an element to Android 4281829285 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(55, 135, 165) }
```

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

```
.border{ border-color:rgb(55, 135, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 135, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 135, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 135, 165);  
box-shadow:4px 4px 4px 4px rgb(55, 135,  
165) }
```

Background

The CSS property to change the background color of an element to Android 4281829285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 135, 165) }
```

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

```
.background{ background-color: rgb(55, 135,  
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