

Converting Colors

Android(4281570214)

Have a look what the booklet for
Android(4281570214) contains.

Android(4281570214)	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(4281570214)

Conversions

Conversions Part 1

Format	Color
Hex	3393A6
RGB	51, 147, 166
RGB Percent	20%, 58%, 65%
CMY	0.8000, 0.4235, 0.3490
CMYK	0.69, 0.11, 0.00, 0.35
HSL	190°, 53%, 43%
HSV	190°, 69%, 65%
XYZ	18.6819, 24.3244, 39.7868
YIQ	120.4620, -63.3150, -14.4430

Conversions

Conversions Part 2

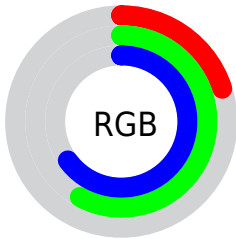
Format	Color
RYB	51, 103, 166
Decimal	3380134
CIELab	56.41, -21.40, -18.14
CIELCh	56, 28.056, 220.278
Yxy	24.3244, 0.2256, 0.2938
Android (android.graphics.Color)	4281570214 (0xFF3393A6)
YUV	120.4620, 22.4502, -60.9182
Hunter-Lab	49.3198, -18.6954, -13.3061

Details

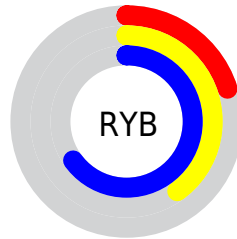
The Android color `4281570214` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289087027`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4285581789`, and `4278214770` is the 20% darker color. If you saturate the color by 10%, you get `4280455334`, and if you desaturate by 10%, it is `4282685094`.

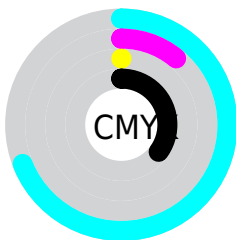
Distribution



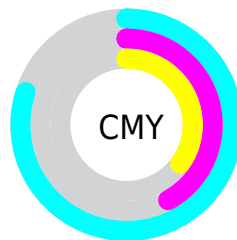
- Red (20%)
- Green (58%)
- Blue (65%)



- Red (20%)
- Yellow (40%)
- Blue (65%)



- Cyan (69%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)





- Cyan (80%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281570214 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 4281570214 by changing the saturation by 10% instead.

 4281570214

 4281570214

4294967295

 4278221196

 4285581789

 4278214770

 4287489530

 4278208602

 4289396735

 4278202690


 4291297279


 4278197804

 4293263359

 4278190359

 4278190080

 4281570214

 4281570214

 4280455334

 4282685094

■ 4279406246

■ 4283734182

■ 4278291366

■ 4284849062

■ 4278225830

■ 4285898406

■ 4287013286

■ 4288127910

■ 4289177254

■ 4290292134

■ 4291341478

Harmonies

Analogous

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



4282160527



4281570214



4283272885

Triad

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



4281570214



4289558424



4287662167

Complementary

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



4281570214



4289087027

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.



4289101914



4281570214



4290213248

Square

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



4281570214



4287987373



4290017641



4285894497

Rectangle

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



4281570214



4284910264



4290017641



4288185942

Sweetspot

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



4281570214



4289450457



4281574980



4283591022



4293783021



4285427310

Same Dimension

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



4281570214



4280663001



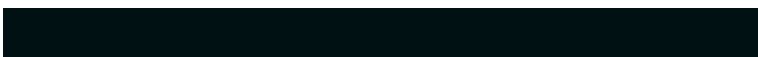
4281555878



4283192148



4278221716



4278194452

Inverse Universe

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



4289082259



4292421051



4289101363



4283714643



4287889531



4279500817

Previews

White Background



This preview shows how the Android color 4281570214 looks on a white background.

Color Contrast Check

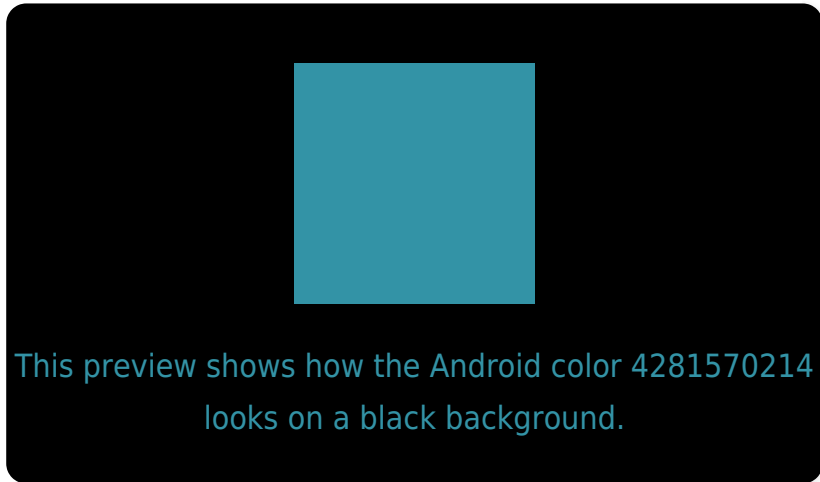
Large Text (above 18pt) WCAG AA ✓ Pass

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

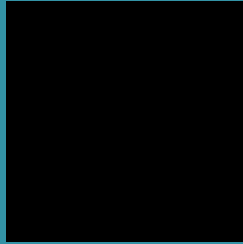
Any Text WCAG AA ✓ Pass

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 4281570214 Background



This preview shows how black text looks on a background with the Android color 4281570214.

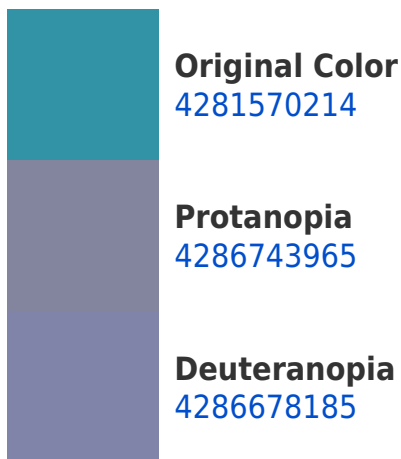


This preview shows how white text looks on a background with the Android color 4281570214.

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



Original Color
4281570214

Protanomaly
4284844704

Deuteranomaly
4284844456

Tritanomaly
4281373858

Monochromacy



Original Color
4281570214

Achromatopsia
4286085240

Achromatomaly
4284449417

CSS Examples

Text

The CSS property to change the color of the text to Android 4281570214 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(51, 147, 166)` looks like.

```
.text, #text, p{  
    color:rgb(51, 147, 166)  
}
```

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(51, 147, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 147, 166) }
```

Border

The CSS property to change the border of an element to Android 4281570214 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(51, 147, 166) }
```

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

```
.border{ border-color:rgb(51, 147, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 147, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 147, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 147, 166);  
box-shadow:4px 4px 4px 4px rgb(51, 147,  
166) }
```

Background

The CSS property to change the background color of an element to Android 4281570214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 147, 166) }
```

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

```
.background{ background-color: rgb(51, 147,  
166) }
```

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