

Converting Colors

Android(4281576370)

Have a look what the booklet for
Android(4281576370) contains.

Android(4281576370)	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(4281576370)

Conversions

Conversions Part 1

Format	Color
Hex	33ABB2
RGB	51, 171, 178
RGB Percent	20%, 67%, 70%
CMY	0.8000, 0.3294, 0.3020
CMYK	0.71, 0.04, 0.00, 0.30
HSL	183°, 55%, 45%
HSV	183°, 71%, 70%
XYZ	23.9640, 33.0440, 47.2346
YIQ	135.9180, -73.7670, -23.2630

Conversions

Conversions Part 2

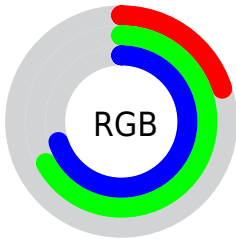
Format	Color
RYB	51, 113, 178
Decimal	3386290
CIELab	64.20, -29.80, -13.13
CIElCh	64, 32.568, 203.779
Yxy	33.0440, 0.2299, 0.3170
Android (android.graphics.Color)	4281576370 (0xFF33ABB2)
YUV	135.9180, 20.7464, -74.4731
Hunter-Lab	57.4839, -26.1833, -8.4799

Details

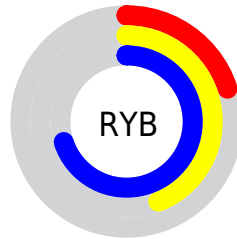
The Android color `4281576370` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289870387`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4285850602`, and `4278220413` is the 20% darker color. If you saturate the color by 10%, you get `4280396466`, and if you desaturate by 10%, it is `4282756274`.

Distribution



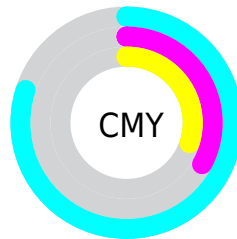
- Red (20%)
- Green (67%)
- Blue (70%)



- Red (20%)
- Yellow (44%)
- Blue (70%)



- Cyan (71%)
- Magenta (4%)
- Yellow (0%)
- Black (30%)





- Cyan (80%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281576370 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 4281576370 by changing the saturation by 10% instead.

 4281576370

 4281576370

4294967295

 4278227095

 4285850602

 4278220413

 4287823871

 4278213988

 4289789951

 4278207821

 4291690495


 4278201910


 4293722111

 4278196257

 4278190088

 4278190080

 4281576370

 4281576370

■ 4280396466

■ 4282756274

■ 4279216562

■ 4283936178

■ 4278233266

■ 4285050546

■ 4286230450

■ 4287410354

■ 4288590258

■ 4289770162

■ 4290884530

■ 4292064434

Harmonies

Analogous

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



4283607956



4281576370



4282230730

Triad

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



4281576370



4290481342



4290091106

Complementary

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



4281576370



4289870387

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.



4291530350



4281576370



4291856035

Square

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



4281576370



4288124625



4292183942



4288127334

Rectangle

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



4281576370



4284064723



4292183942



4290614372

Sweetspot

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



4281576370



4290242024



4281578041



4283987061



4294309365



4285887861

Same Dimension

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



4281576370



4280344040



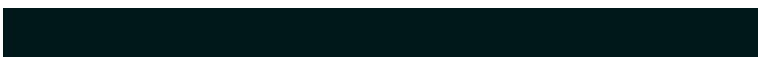
4281560242



4283455833



4278227353



4278196250

Inverse Universe

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



4289868715



4293402845



4289886515



4284043353



4288217233



4279894040

Previews

White Background



This preview shows how the Android color 4281576370 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4281576370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

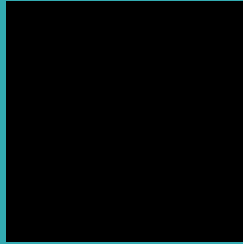
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Android 4281576370 Background



This preview shows how black text looks on a background with the Android color 4281576370.



This preview shows how white text looks on a background with the Android color 4281576370.

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

4281576370



Protanomaly

4285898923



Deuteranomaly

4285963957



Tritanomaly

4281772726

Monochromacy



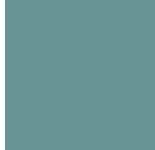
Original Color

4281576370



Achromatopsia

4287137928



Achromatomaly

4285109655

CSS Examples

Text

The CSS property to change the color of the text to Android 4281576370 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, 171, 178)` looks like.

```
.text, #text, p{  
    color:rgb(51, 171, 178)  
}
```

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, 171, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 171, 178) }
```

Border

The CSS property to change the border of an element to Android 4281576370 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, 171, 178) }
```

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

```
.border{ border-color:rgb(51, 171, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 171, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 171, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 171, 178);  
box-shadow:4px 4px 4px 4px rgb(51, 171,  
178) }
```

Background

The CSS property to change the background color of an element to Android 4281576370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 171, 178) }
```

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

```
.background{ background-color: rgb(51, 171,  
178) }
```

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