

Converting Colors

Android(4283346877)

Have a look what the booklet for
Android(4283346877) contains.

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Color

Android(4283346877)

Conversions

Conversions Part 1

Format	Color
Hex	4EAFBD
RGB	78, 175, 189
RGB Percent	31%, 69%, 74%
CMY	0.6941, 0.3137, 0.2588
CMYK	0.59, 0.07, 0.00, 0.26
HSL	188°, 46%, 52%
HSV	188°, 59%, 74%
XYZ	27.6572, 35.9538, 53.6262
YIQ	147.5930, -62.3060, -16.2100

Conversions

Conversions Part 2

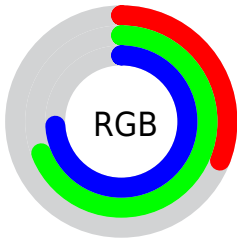
Format	Color
RYB	78, 130, 189
Decimal	5156797
CIELab	66.48, -24.21, -15.73
CIELCh	66, 28.869, 213.014
Yxy	35.9538, 0.2359, 0.3067
Android (android.graphics.Color)	4283346877 (0xFF4EAFBD)
YUV	147.5930, 20.4137, -61.0331
Hunter-Lab	59.9615, -22.5996, -11.0527

Details

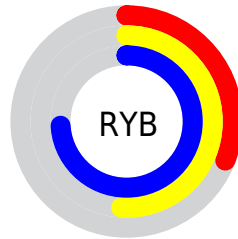
The Android color `4283346877` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4290600014`, and the grayscale version is `4287861651`.

A 20% lighter version of the original color is `4287227893`, and `4278221448` is the 20% darker color. If you saturate the color by 10%, you get `4282101181`, and if you desaturate by 10%, it is `4284592573`.

Distribution



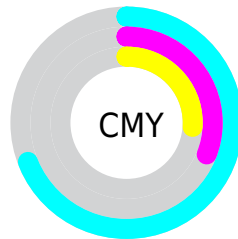
- Red (31%)
- Green (69%)
- Blue (74%)



- Red (31%)
- Yellow (51%)
- Blue (74%)



- Cyan (59%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (69%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283346877 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 4283346877 by changing the saturation by 10% instead.

 4283346877

 4283346877

4294967295

 4281177250

 4287227893

 4278221448

 4289134591

 4278215022

 4291035135

 4278208854

 4293001215

 4278202943

 4278198057

 4278190356

 4278190080

 4283346877

 4283346877

■ 4282101181

■ 4284592573

■ 4280855229

■ 4285838525

■ 4279609533

■ 4287084221

■ 4278363581

■ 4288330173

■ 4278232509

■ 4289575869

■ 4290756029

■ 4292001981

■ 4293247677

■ 4294493373

Harmonies

Analogous

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



4284199075



4283346877



4284459983

Triad

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



4283346877



4291138234



4289831278

Complementary

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



4283346877



4290600014

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.



4291336308



4283346877



4292120224

Square

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



4283346877



4289305293



4292120967



4287998326

Rectangle

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



4283346877



4286031573



4292120967



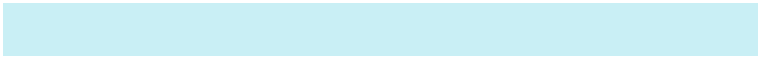
4290420334

Sweetspot

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



4283346877



4291424245



4283350363



4284446586



4294638330



4286216826

Same Dimension

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



4283346877



4283031541



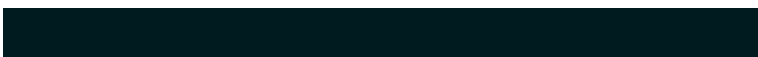
4283333053



4283784542



4278225566



4278197023

Inverse Universe

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



4290596527



4294265311



4290613838



4284372317



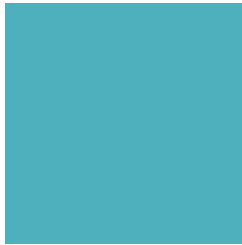
4288544906



4280221723

Previews

White Background



This preview shows how the Android color 4283346877 looks on a white background.

Color Contrast Check

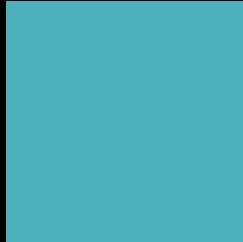
Large Text (above 18pt) WCAG AA × Fail

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 4283346877 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 4283346877 Background



This preview shows how black text looks on a background with the Android color 4283346877.



This preview shows how white text looks on a background with the Android color 4283346877.

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
4283346877

Protanopia
4288585651

Deuteranopia
4288716225

Trichromacy



Original Color

4283346877



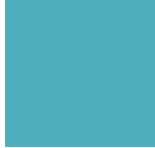
Protanomaly

4286686647



Deuteranomaly

4286751936



Tritanomaly

4283346877

Monochromacy



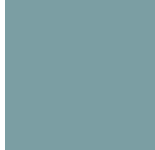
Original Color

4283346877



Achromatopsia

4287927444



Achromatomaly

4286291619

CSS Examples

Text

The CSS property to change the color of the text to Android 4283346877 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(78, 175, 189)` looks like.

```
.text, #text, p{  
    color:rgb(78, 175, 189)  
}
```

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(78, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 175, 189) }
```

Border

The CSS property to change the border of an element to Android 4283346877 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(78, 175, 189) }
```

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

```
.border{ border-color:rgb(78, 175, 189) }
```

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

Here you see how a box with a 4 pixel rgb(78, 175, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(78, 175,  
189) }
```

Background

The CSS property to change the background color of an element to Android 4283346877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 175, 189) }
```

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

```
.background{ background-color: rgb(78, 175,  
189) }
```

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](#).

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