

Converting Colors

Android(4284332444)

Have a look what the booklet for
Android(4284332444) contains.

Android(4284332444)	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(4284332444)

Conversions

Conversions Part 1

Format	Color
Hex	5DB99C
RGB	93, 185, 156
RGB Percent	36%, 73%, 61%
CMY	0.6353, 0.2745, 0.3882
CMYK	0.50, 0.00, 0.16, 0.27
HSL	161°, 40%, 55%
HSV	161°, 50%, 73%
XYZ	27.8639, 39.4254, 37.5938
YIQ	154.1860, -45.5230, -28.5230

Conversions

Conversions Part 2

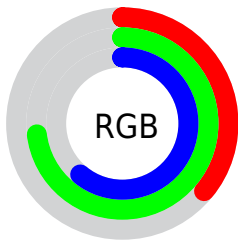
Format	Color
RYB	93, 148, 185
Decimal	6142364
CIELab	69.06, -34.48, 6.34
CIELCh	69, 35.057, 169.573
Yxy	39.4254, 0.2657, 0.3759
Android (android.graphics.Color)	4284332444 (0xFF5DB99C)
YUV	154.1860, 0.8943, -53.6601
Hunter-Lab	62.7896, -30.6696, 8.4543

Details

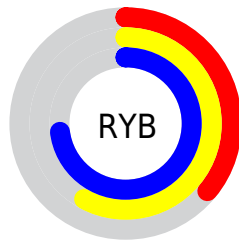
The Android color `4284332444` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290338170`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4288017106`, and `4280386409` is the 20% darker color. If you saturate the color by 10%, you get `4283087254`, and if you desaturate by 10%, it is `4285512098`.

Distribution



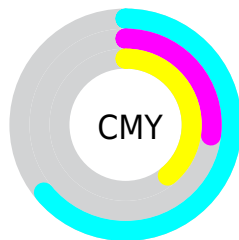
- Red (36%)
- Green (73%)
- Blue (61%)



- Red (36%)
- Yellow (58%)
- Blue (73%)



- Cyan (50%)
- Magenta (0%)
- Yellow (16%)
- Black (27%)



- Cyan (64%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284332444 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 4284332444 by changing the saturation by 10% instead.



4284332444



4284332444

4294967295



4282490498



4288017106



4280386409



4289855471



4278217297



4291756031



4278210874



4293656575



4278204708



4278199567



4278190080



4284332444




4284332444



4283087254



4285512098

 4281907600

 4286757288

 4280662411

 4288002477

 4279482757

 4289182131

 4278237567

 4290427321

 4291606975

 4292786629

 4294031819

 4294949328

Harmonies

Analogous

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



4286952830



4284332444



4281907901

Triad

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



4284332444



4288521444



4292778106

Complementary

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



4284332444



4290338170

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.



4293366165



4284332444



4291205586

Square

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



4284332444



4285181926



4292841909



4291339114

Rectangle

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



4284332444



4281514192



4292841909



4293105026

Sweetspot

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



4284332444



4291621092



4286232925



4284643441



4294440951



4286085240

Same Dimension

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



4284332444



4284543170



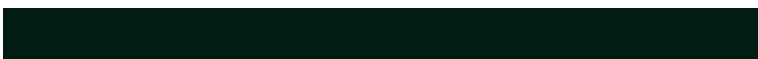
4284328121



4283653209



4278230123



4278197267

Inverse Universe

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



4290338170



4293943437



4290342493



4284240726



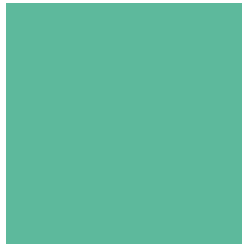
4288413745



4280025097

Previews

White Background



This preview shows how the Android color 4284332444 looks on a white background.

Color Contrast Check

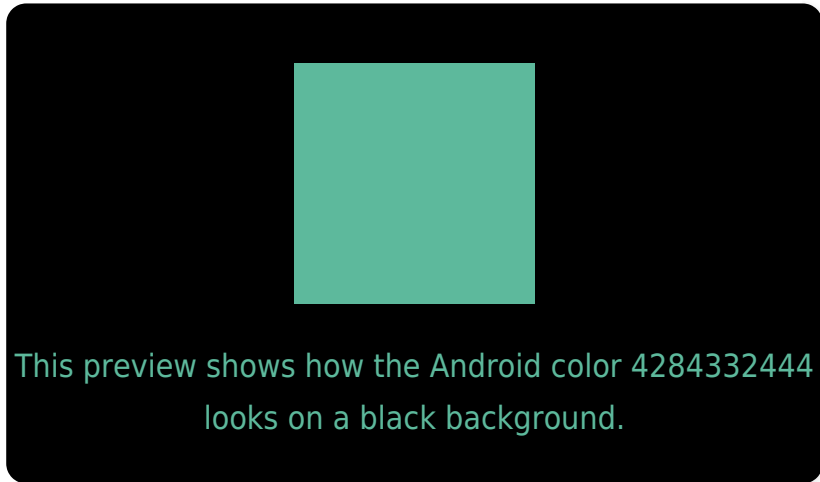
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4284332444 Background



This preview shows how black text looks on a background with the Android color 4284332444.



This preview shows how white text looks on a background with the Android color 4284332444.

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

4284332444



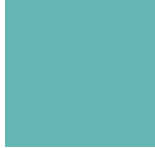
Protanomaly

4287737494



Deuteranomaly

4288195231



Tritanomaly

4284790452

Monochromacy



Original Color

4284332444



Achromatopsia

4288322202



Achromatomaly

4286883227

CSS Examples

Text

The CSS property to change the color of the text to Android 4284332444 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(93, 185, 156)` looks like.

```
.text, #text, p{  
    color:rgb(93, 185, 156)  
}
```

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(93, 185, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 185, 156) }
```

Border

The CSS property to change the border of an element to Android 4284332444 is called "border". The border property can be set on classes, ids or directly on the HTML element.

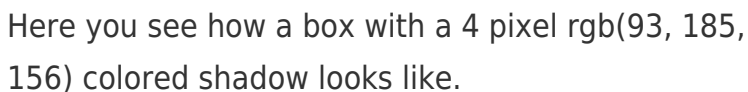
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(93, 185, 156) }
```

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

```
.border{ border-color:rgb(93, 185, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(93, 185, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(93, 185, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(93, 185, 156); box-shadow:4px 4px 4px 4px rgb(93, 185, 156) }
```

Background

The CSS property to change the background color of an element to Android 4284332444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 185, 156) }
```

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

```
.background{ background-color: rgb(93, 185,  
156) }
```

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