

Converting Colors

Android(4283137926)

Have a look what the booklet for
Android(4283137926) contains.

Android(4283137926)	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(4283137926)

Conversions

Conversions Part 1

Format	Color
Hex	4B7F86
RGB	75, 127, 134
RGB Percent	29%, 50%, 53%
CMY	0.7059, 0.5020, 0.4745
CMYK	0.44, 0.05, 0.00, 0.47
HSL	187°, 28%, 41%
HSV	187°, 44%, 53%
XYZ	14.7941, 18.3958, 25.3253
YIQ	112.2500, -33.2390, -8.8470

Conversions

Conversions Part 2

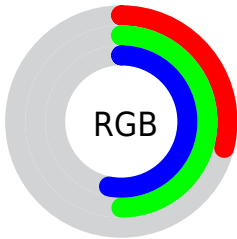
Format	Color
RYB	75, 103, 134
Decimal	4947846
CIELab	49.97, -15.41, -9.25
CIELCh	50, 17.970, 210.984
Yxy	18.3958, 0.2528, 0.3144
Android (android.graphics.Color)	4283137926 (0xFF4B7F86)
YUV	112.2500, 10.7228, -32.6682
Hunter-Lab	42.8904, -13.4884, -4.9854

Details

The Android color `4283137926` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4286992971`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4286559419`, and `4279586388` is the 20% darker color. If you saturate the color by 10%, you get `4282285446`, and if you desaturate by 10%, it is `4283990406`.

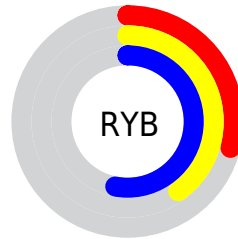
Distribution



Red (29%)

Green (50%)

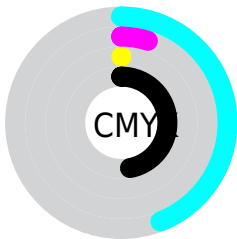
Blue (53%)



Red (29%)

Yellow (40%)

Blue (53%)

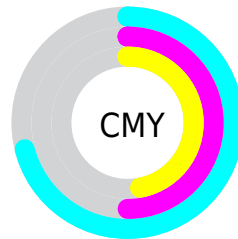


Cyan (44%)

Magenta (5%)

Yellow (0%)

Black (47%)



Cyan (71%)

Magenta (50%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283137926 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 4283137926 by changing the saturation by 10% instead.



4283137926



4283137926

4294967295



4281427565



4286559419



4279586388



4288335831



4278204221



4290178291



4278198568



4292018175



4278190356



4293918719



4278190080



4283137926



4283137926



4282285446



4283990406



4281367686



4284908166

■ 4280515206

■ 4285760646

■ 4279597446

■ 4286678406

■ 4278744966

■ 4287530886

■ 4278220422

■ 4288383366

■ 4289301126

■ 4290153606

■ 4291071366

Harmonies

Analogous

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



4283531383



4283137926



4283661457

Triad

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



4283137926



4287327878



4286740056

Complementary

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



4283137926



4286992971

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.



4287590749



4283137926



4287982711

Square

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



4283137926



4286215057



4288048488



4285627228

Rectangle

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



4283137926



4284381845



4288048488



4287067225

Sweetspot

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



4283137926



4288129965



4283139666



4282996055



4292269782



4283914071

Same Dimension

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



4283137926



4283540141



4283130502



4282139202



4278219650



4278190595

Inverse Universe

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



4286991231



4289548706



4287000395



4282530882



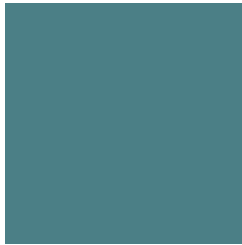
4286709875



4278386690

Previews

White Background



This preview shows how the Android color 4283137926 looks on a white background.

Color Contrast Check

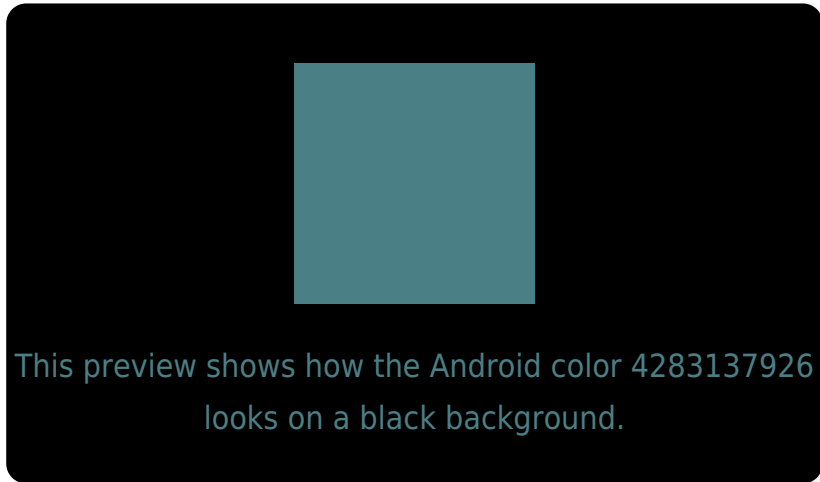
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283137926 Background



This preview shows how black text looks on a background with the Android color 4283137926.



This preview shows how white text looks on a background with the Android color 4283137926.

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

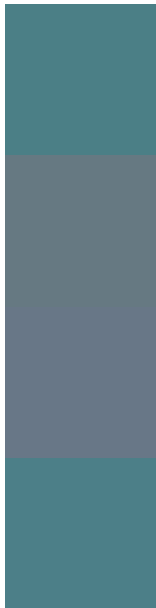


Original Color
4283137926

Protanopia
4285953664

Deuteranopia
4286149512

Trichromacy



Original Color
4283137926

Protanomaly
4284905858

Deuteranomaly
4285036423

Tritanomaly
4283203464

Monochromacy



Original Color
4283137926

Achromatopsia
4285558896

Achromatomaly
4284708216

CSS Examples

Text

The CSS property to change the color of the text to Android 4283137926 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(75, 127, 134)` looks like.

```
.text, #text, p{  
    color:rgb(75, 127, 134)  
}
```

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(75, 127, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 127, 134) }
```

Border

The CSS property to change the border of an element to Android 4283137926 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(75, 127, 134) }
```

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

```
.border{ border-color:rgb(75, 127, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 127, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 127, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 127, 134);  
box-shadow:4px 4px 4px 4px rgb(75, 127,  
134) }
```

Background

The CSS property to change the background color of an element to Android 4283137926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 127, 134) }
```

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

```
.background{ background-color: rgb(75, 127,  
134) }
```

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