

# Converting Colors

Android(4283938728)

Have a look what the booklet for  
Android(4283938728) contains.

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# **Color**

**Android(4283938728)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57B7A8
RGB	87, 183, 168
RGB Percent	34%, 72%, 66%
CMY	0.6588, 0.2824, 0.3412
CMYK	0.52, 0.00, 0.08, 0.28
HSL	171°, 40%, 53%
HSV	171°, 52%, 72%
XYZ	27.9318, 38.7204, 43.0474
YIQ	152.5860, -52.4010, -25.0170

# Conversions

## Conversions Part 2

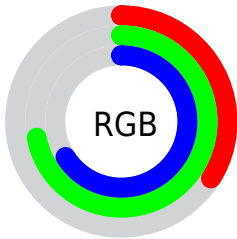
Format	Color
<a href="#">RYB</a>	<a href="#">87, 139, 183</a>
Decimal	<a href="#">5748648</a>
CIELab	<a href="#">68.55, -32.01, -1.02</a>
CIELCh	<a href="#">69, 32.026, 181.818</a>
Yxy	<a href="#">38.7204, 0.2546, 0.3530</a>
Android (android.graphics.Color)	<a href="#">4283938728 (0xFF57B7A8)</a>
YUV	<a href="#">152.5860, 7.5991, -57.5189</a>
Hunter-Lab	<a href="#">62.2257, -28.7699, 2.5415</a>

# Details

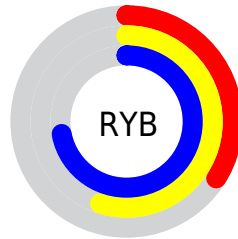
The Android color `4283938728` is a dark color, and the websafe version is hex `66CCCC`. A complement of this color would be `4290205542`, and the grayscale version is `4288256409`.

A 20% lighter version of the original color is `4287688671`, and `4279533940` is the 20% darker color. If you saturate the color by 10%, you get `4282759077`, and if you desaturate by 10%, it is `4285118379`.

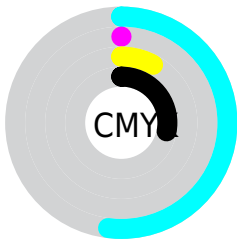
# Distribution



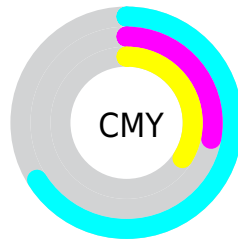
- Red (34%)
- Green (72%)
- Blue (66%)



- Red (34%)
- Yellow (55%)
- Blue (72%)



- Cyan (52%)
- Magenta (0%)
- Yellow (8%)
- Black (28%)



- Cyan (66%)
- Magenta (28%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283938728 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 4283938728 by changing the saturation by 10% instead.





4283938728



4283938728

4294967295



4281965710



4287688671



4279533940



4289527804



4278216796



4291428351



4278210372



4293394431



4278204462



4278199065



4278190080



4283938728




4283938728



4282759077



4285118379

 4281513890

 4286363566

 4280334239

 4287543217

 4279154589

 4288722867

 4278237082

 4289968054

 4291147705

 4292327356

 4293507007

 4294752194

# Harmonies

## Analogous

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



4286166155



4283938728



4282693317

# Triad

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



4283938728



4289568728



4291992693

# Complementary

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



4283938728



4290205542

# 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.



4292842634



4283938728



4291729091

# Square

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



4283938728



4286818785



4292841894



4290356845

# Rectangle

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



4283938728



4283282388



4292841894



4292385147



# Sweetspot

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



4283938728



4291292647



4284987223



4284577908



4294440951



4286085240



# Same Dimension

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



4283938728



4284018134



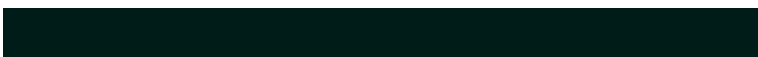
4283930551



4283653210



4278230147



4278197272



# Inverse Universe

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



4290205542



4293744751



4290213719



4284240724



4288413720

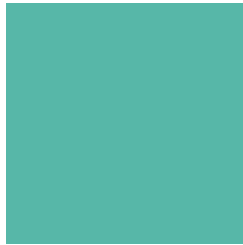


4280025092



# Previews

## White Background



This preview shows how the Android color 4283938728 looks on a white background.

## Color Contrast Check

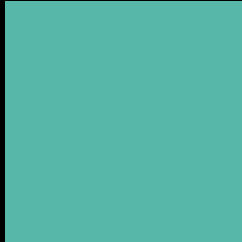
Large Text (above 18pt) WCAG AA × Fail

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 4283938728 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 4283938728 Background



This preview shows how black text looks on a background with the Android color 4283938728.

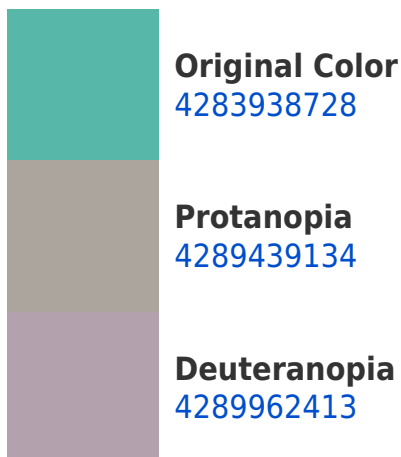


This preview shows how white text looks on a background with the Android color 4283938728.

# 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**

4283938728



**Protanomaly**

4287409314



**Deuteranomaly**

4287801771



**Tritanomaly**

4284331193

# Monochromacy



**Original Color**

4283938728



**Achromatopsia**

4288256409



**Achromatomaly**

4286686366

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283938728 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(87, 183, 168)` looks like.

```
.text, #text, p{  
    color:rgb(87, 183, 168)  
}
```

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(87, 183, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 183, 168) }
```

## Border

The CSS property to change the border of an element to Android 4283938728 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(87, 183, 168) }
```

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

```
.border{ border-color:rgb(87, 183, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 183, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(87, 183, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(87, 183, 168); box-shadow:4px 4px 4px 4px rgb(87, 183, 168) }
```

# Background

The CSS property to change the background color of an element to Android 4283938728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 183, 168) }
```

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

```
.background{ background-color: rgb(87, 183,  
168) }
```

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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