

# Converting Colors

Android(4284788132)

Have a look what the booklet for  
Android(4284788132) contains.

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# **Color**

**Android(4284788132)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64ADA4
RGB	100, 173, 164
RGB Percent	39%, 68%, 64%
CMY	0.6078, 0.3216, 0.3569
CMYK	0.42, 0.00, 0.05, 0.32
HSL	173°, 31%, 54%
HSV	173°, 42%, 68%
XYZ	26.8999, 35.2768, 40.5133
YIQ	150.1470, -40.6190, -18.2750

# Conversions

## Conversions Part 2

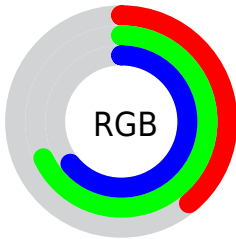
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 139, 173
Decimal	6598052
CIELab	65.96, -25.01, -2.53
CIElCh	66, 25.142, 185.783
Yxy	35.2768, 0.2620, 0.3435
Android (android.graphics.Color)	4284788132 (0xFF64ADA4)
YUV	150.1470, 6.8295, -43.9789
Hunter-Lab	59.3943, -23.0965, 1.1338

# Details

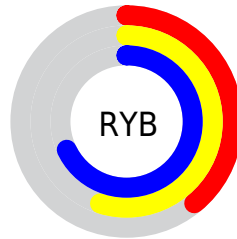
The Android color `4284788132` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4289553517`, and the grayscale version is `4288059030`.

A 20% lighter version of the original color is `4288407003`, and `4281170032` is the 20% darker color. If you saturate the color by 10%, you get `4283674018`, and if you desaturate by 10%, it is `4285902246`.

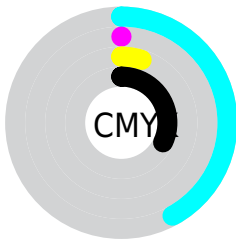
# Distribution



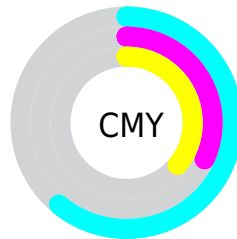
- Red (39%)
- Green (68%)
- Blue (64%)



- Red (39%)
- Yellow (55%)
- Blue (68%)



- Cyan (42%)
- Magenta (0%)
- Yellow (5%)
- Black (32%)



- Cyan (61%)
- Magenta (32%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284788132 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 4284788132 by changing the saturation by 10% instead.





4284788132



4284788132

4294967295



4283011722



4288407003



4281170032



4290248695



4278804312



4292083711



4278208321



4293984255



4278202411



4278197526



4278190080



4284788132



4284788132




4283674018



4285902246

 4282494368

 4287081896

 4281380254

 4288196010


 4280266139

 4289310125

 4279086489

 4290489775

 4278234520

 4291603889

 4292718003

 4293832117

 4294946231

# Harmonies

## Analogous

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



4286229389



4284788132



4284329146

# Triad

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



4284788132



4289305029



4290812280

# Complementary

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



4284788132



4289553517

# 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.



4291596935



4284788132



4290876083

# Square

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



4284788132



4287275469



4291661981



4289503347

# Rectangle

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



4284788132



4284852677



4291661981



4291139196



# Sweetspot

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



4284788132



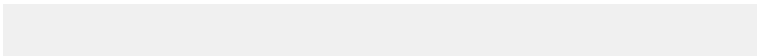
4291027165



4285443428



4284379246



4293980400



4285558896



# Same Dimension

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



4284788132



4285456594



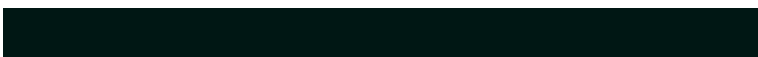
4284781229



4283324246



4278228612



4278195988



# Inverse Universe

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



4289553517



4292898428



4289560420



4283911759



4288020499

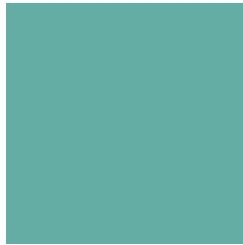


4279697411



# Previews

## White Background



This preview shows how the Android color 4284788132 looks on a white background.

## Color Contrast Check

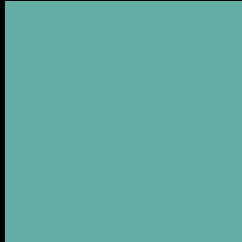
Large Text (above 18pt) WCAG AA × Fail

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 4284788132 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

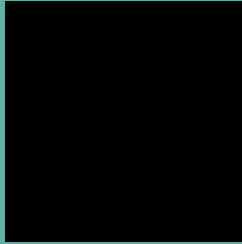
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4284788132 Background



This preview shows how black text looks on a background with the Android color 4284788132.

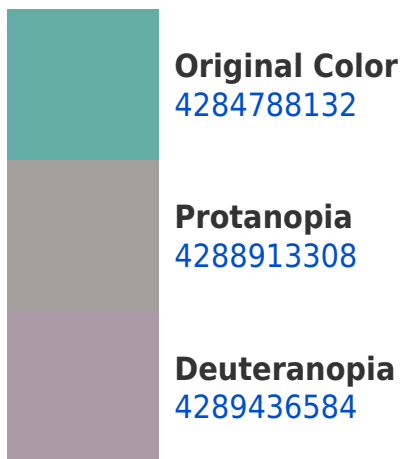


This preview shows how white text looks on a background with the Android color 4284788132.

# 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



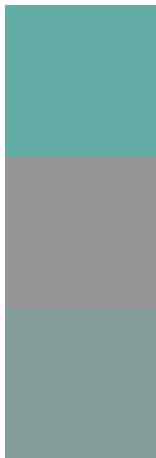
**Original Color**  
4284788132

**Protanomaly**  
4287407263

**Deuteranomaly**  
4287734439

**Tritanomaly**  
4284984241

# Monochromacy



**Original Color**  
4284788132

**Achromatopsia**  
4288059030

**Achromatomaly**  
4286881435

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284788132 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(100, 173, 164)` looks like.

```
.text, #text, p{  
    color:rgb(100, 173, 164)  
}
```

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(100, 173, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 173, 164) }
```

## Border

The CSS property to change the border of an element to Android 4284788132 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(100, 173, 164) }
```

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

```
.border{ border-color:rgb(100, 173, 164) }
```

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

Here you see how a box with a 4 pixel rgb(100, 173, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 173, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 173, 164);  
box-shadow:4px 4px 4px 4px rgb(100, 173,  
164) }
```

# Background

The CSS property to change the background color of an element to Android 4284788132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 173, 164) }
```

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

```
.background{ background-color: rgb(100,  
173, 164) }
```

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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