

# Converting Colors

Android(4284457093)

Have a look what the booklet for  
Android(4284457093) contains.

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# Color

**Android(4284457093)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5FA085
RGB	95, 160, 133
RGB Percent	37%, 63%, 52%
CMY	0.6275, 0.3725, 0.4784
CMYK	0.41, 0.00, 0.17, 0.37
HSL	155°, 25%, 50%
HSV	155°, 41%, 63%
XYZ	21.5238, 29.2680, 26.7052
YIQ	137.4870, -30.0730, -22.1770

# Conversions

## Conversions Part 2

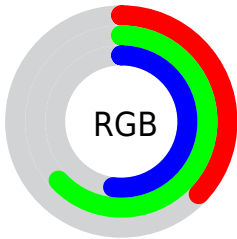
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 136, 160
Decimal	6267013
CIELab	61.02, -27.21, 7.60
CIELCh	61, 28.249, 164.399
Yxy	29.2680, 0.2777, 0.3777
Android (android.graphics.Color)	4284457093 (0xFF5FA085)
YUV	137.4870, -2.2121, -37.2611
Hunter-Lab	54.0999, -23.6581, 8.6028

# Details

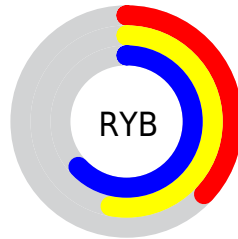
The Android color `4284457093` is a dark color, and the websafe version is hex `669966`. A complement of this color would be `4288700282`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4287944634`, and `4281035859` is the 20% darker color. If you saturate the color by 10%, you get `4283408510`, and if you desaturate by 10%, it is `4285505676`.

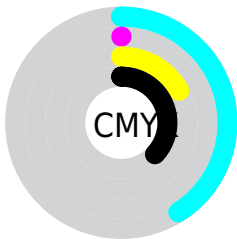
# Distribution



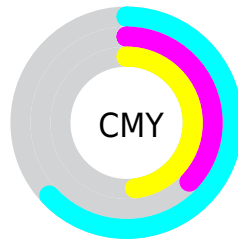
- Red (37%)
- Green (63%)
- Blue (52%)



- Red (37%)
- Yellow (53%)
- Blue (63%)



- Cyan (41%)
- Magenta (0%)
- Yellow (17%)
- Black (37%)



- Cyan (63%)
- Magenta (37%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284457093 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 4284457093 by changing the saturation by 10% instead.



 4284457093

 4284457093

4294967295


 4282746476

 4287944634

 4281035859

 4289787094

 4278997820

 4291624946

 4278205479

 4293525503

 4278199826

 4278191872

 4278190080

 4284457093


 4284457093

 4283408510

 4285505676

 4282359928

 4286554258

 4281311345

 4287602841

 4280262762


 4288651424

 4279214180

 4289700006

 4278231134

 4290748589

 4291797172

 4292845754

 4293894337

# Harmonies

## Analogous

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



4286356591



4284457093



4282818975

# Triad

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



4284457093



4286878147



4290807153

# Complementary

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



4284457093



4288700282

# 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.



4291133832



4284457093



4289104311

# Square

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



4284457093



4284389827



4290544289



4289760612

# Rectangle

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



4284457093



4282425519



4290544289



4291003256



# Sweetspot

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



4284457093



4290302407



4286226527



4284115298



4293454056



4285098345



# Same Dimension

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



4284457093



4285256103



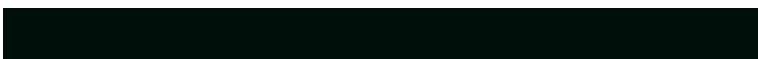
4284455840



4282863436



4278226771



4278193929



# Inverse Universe

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



4288700282



4291914645



4288701535



4283385674



4287561787



4279173126



# Previews

## White Background



This preview shows how the Android color 4284457093 looks on a white background.

## Color Contrast Check

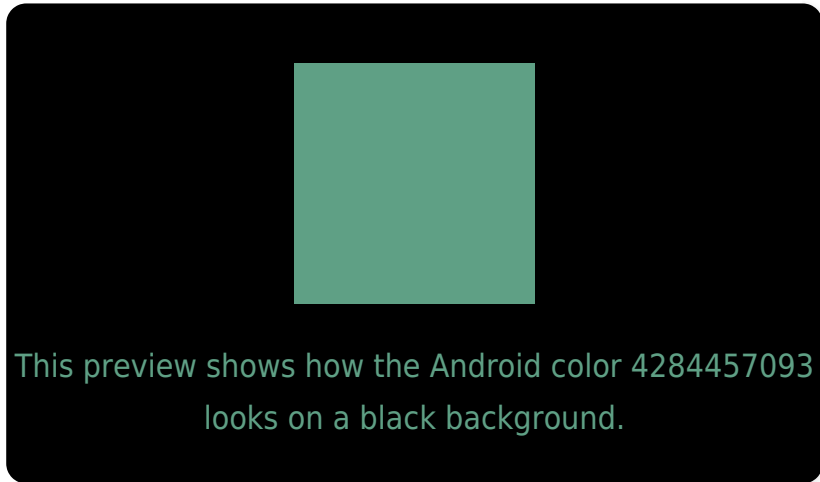
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284457093 Background



This preview shows how black text looks on a background with the Android color 4284457093.

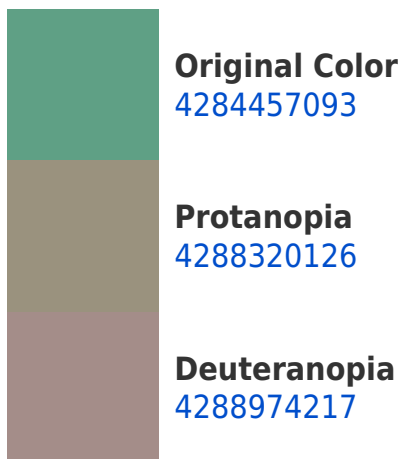


This preview shows how white text looks on a background with the Android color 4284457093.

# 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**  
4284457093

**Protanomaly**  
4286945153

**Deuteranomaly**  
4287337608

**Tritanomaly**  
4284784027

# Monochromacy



**Original Color**  
4284457093

**Achromatopsia**  
4287203721

**Achromatomaly**  
4286222728

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284457093 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(95, 160, 133)` looks like.

```
.text, #text, p{  
    color:rgb(95, 160, 133)  
}
```

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(95, 160, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 160, 133) }
```

## Border

The CSS property to change the border of an element to Android 4284457093 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(95, 160, 133) }
```

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

```
.border{ border-color:rgb(95, 160, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 160, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 160, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 160, 133);  
box-shadow:4px 4px 4px 4px rgb(95, 160,  
133) }
```

# Background

The CSS property to change the background color of an element to Android 4284457093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 160, 133) }
```

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

```
.background{ background-color: rgb(95, 160,  
133) }
```

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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