

# Converting Colors

Android(4288196723)

Have a look what the booklet for  
Android(4288196723) contains.

<b>Android(4288196723)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4288196723)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98B073
RGB	152, 176, 115
RGB Percent	60%, 69%, 45%
CMY	0.4039, 0.3098, 0.5490
CMYK	0.14, 0.00, 0.35, 0.31
HSL	84°, 28%, 57%
HSV	84°, 35%, 69%
XYZ	31.5687, 38.9639, 22.0766
YIQ	161.8700, 5.2770, -24.0590

# Conversions

## Conversions Part 2

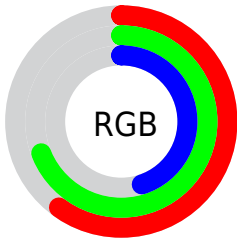
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">115, 176, 139</a>
Decimal	<a href="#">10006643</a>
CIELab	<a href="#">68.73, -18.93, 28.58</a>
CIELCh	<a href="#">69, 34.282, 123.514</a>
Yxy	<a href="#">38.9639, 0.3409, 0.4207</a>
Android (android.graphics.Color)	<a href="#">4288196723 (0xFF98B073)</a>
YUV	<a href="#">161.8700, -23.1069, -8.6560</a>
Hunter-Lab	<a href="#">62.4210, -18.9625, 22.7255</a>

# Details

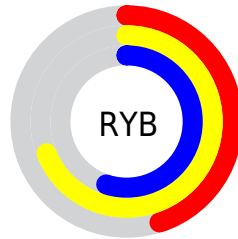
The Android color `4288196723` is a light color, and the websafe version is hex `999966`. A complement of this color would be `4287329200`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4291815592`, and `4284775234` is the 20% darker color. If you saturate the color by 10%, you get `4287737953`, and if you desaturate by 10%, it is `4288655493`.

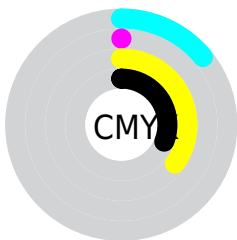
# Distribution



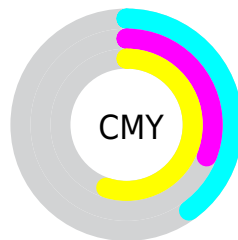
- Red (60%)
- Green (69%)
- Blue (45%)



- Red (45%)
- Yellow (69%)
- Blue (55%)



- Cyan (14%)
- Magenta (0%)
- Yellow (35%)
- Black (31%)



- Cyan (40%)
- Magenta (31%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4288196723 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 4288196723 by changing the saturation by 10% instead.





4288196723



4288196723

4294967295



4286485850



4291815592



4284775234



4293656515



4283130411



4294967263



4281551636



4294967292



4280103936



4278198016



4278190080



4288196723



4288196723



4287737953



4288655493

 4287279184

 4289114262

 4286820414

 4289573032

 4286361645

 4290031801


 4285902875

 4290490571

 4285444105

 4290949341

 4285247488

 4291342574

 4291801343

 4292260095

# Harmonies

## Analogous

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



4290357097



4288196723



4285773451

# Triad

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



4288196723



4283544286



4293103781

# Complementary

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



4288196723



4287329200

# 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.



4291990724



4288196723



4286753253

# Square

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



4288196723



4281710537



4289765083



4293104519

# Rectangle

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



4288196723



4284070048



4289765083



4292841904



# Sweetspot

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



4288196723



4292667087



4289759859



4285363045



4294111986



4285756275



# Same Dimension

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



4288196723



4290832005



4286230643



4283849040



4284324096



4279179776



# Inverse Universe

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



4287329200



4289431014



4289295280



4283715673



4282122393



4278845466



# Previews

## White Background



This preview shows how the Android color 4288196723 looks on a white background.

## Color Contrast Check

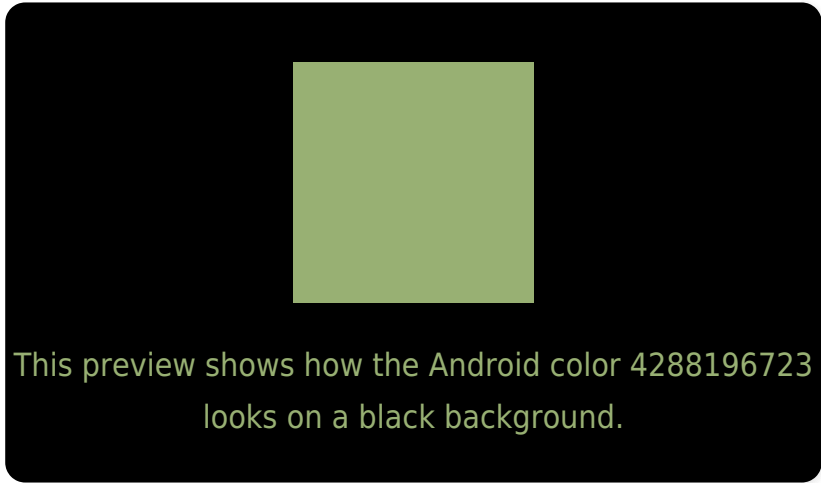
Large Text (above 18pt) WCAG AA × Fail

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

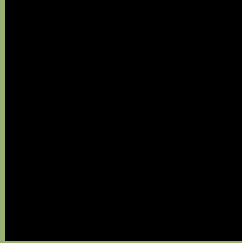
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4288196723 Background



This preview shows how black text looks on a background with the Android color 4288196723.



This preview shows how white text looks on a background with the Android color 4288196723.

# 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**  
4288196723

**Protanomaly**  
4289374832

**Deuteranomaly**  
4290160245

**Tritanomaly**  
4288588701

# Monochromacy



**Original Color**  
4288196723

**Achromatopsia**  
4288848546

**Achromatomaly**  
4288587665

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4288196723 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(152, 176, 115)` looks like.

```
.text, #text, p{  
    color:rgb(152, 176, 115)  
}
```

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(152, 176, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 176, 115) }
```

## Border

The CSS property to change the border of an element to Android 4288196723 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(152, 176, 115) }
```

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

```
.border{ border-color:rgb(152, 176, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 176, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 176, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 176, 115);  
box-shadow:4px 4px 4px 4px rgb(152, 176,  
115) }
```

# Background

The CSS property to change the background color of an element to Android 4288196723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 176, 115) }
```

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

```
.background{ background-color: rgb(152,  
176, 115) }
```

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