

# Converting Colors

Android(4283533962)

Have a look what the booklet for  
Android(4283533962) contains.

<b>Android(4283533962)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	11
<i><b>Previews</b></i>	23
<i><b>Color Blindness Simulation</b></i>	26
<i><b>CSS Examples</b></i>	29

# Color

**Android(4283533962)**

# Conversions

Conversions Part 1	
Format	Color
Hex	518A8A
RGB	81, 138, 138
RGB Percent	32%, 54%, 54%
CMY	0.6824, 0.4588, 0.4588
CMYK	0.41, 0.00, 0.00, 0.46
HSL	180°, 26%, 43%
HSV	180°, 41%, 54%
XYZ	17.0693, 21.7613, 27.3455
YIQ	120.9570, -33.9720, -12.0840

# Conversions

## Conversions Part 2

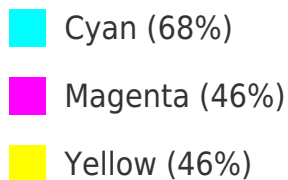
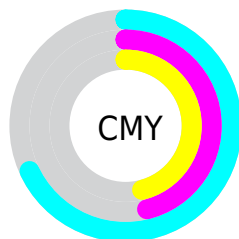
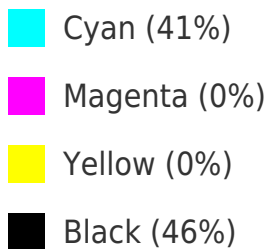
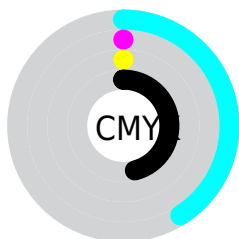
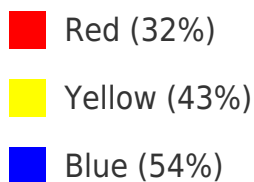
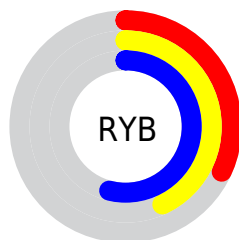
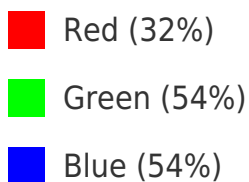
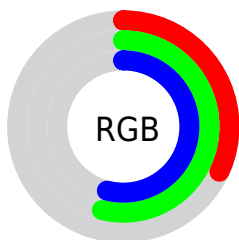
Format	Color
<a href="#">RYB</a>	<a href="#">81, 110, 138</a>
Decimal	<a href="#">5343882</a>
CIELab	<a href="#">53.77, -18.65, -5.89</a>
CIELCh	<a href="#">54, 19.557, 197.517</a>
Yxy	<a href="#">21.7613, 0.2579, 0.3288</a>
Android (android.graphics.Color)	<a href="#">4283533962</a> (0xFF518A8A)
YUV	<a href="#">120.9570, 8.4022, -35.0423</a>
Hunter-Lab	<a href="#">46.6490, -16.3210, -2.1013</a>

# Details

The Android color `4283533962` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4287254865`, and the grayscale version is `4286151033`.

A 20% lighter version of the original color is `4287021247`, and `4280047704` is the 20% darker color. If you saturate the color by 10%, you get `4282616458`, and if you desaturate by 10%, it is `4284451466`.

# Distribution






















# Brightness & Saturation Gradients

These gradients show how the Android color 4283533962 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 4283533962 by changing the saturation by 10% instead.



 4283533962	 4283533962
 4294967295	 4281823345
 4287021247	 4280047704
 4288797915	 4278206529
 4290640120	 4278200875
 4292476927	 4278195735
 4294377471	 4278190080

 4283533962	 4283533962
 4282616458	 4284451466
 4281698954	 4285368970

 4280846986

 4286220938

 4279929482

 4287138442

 4279011978


 4288055946

 4278225546

 4288973450

 4289890954

 4290742922

 4291660426

# Harmonies

## Analogous

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



4284320377



4283533962



4283599001

# Triad

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



4283533962



4287592855



4287921504

# Complementary

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



4283533962



4287254865

# 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.



4288641128



4283533962



4288574856

# Square

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



4283533962



4286218144



4288902519



4286808928

# Rectangle

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



4283533962



4284253855



4288902519



4288183138



# Sweetspot

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



4283533962



4288525235



4283533905



4283259225



4292467161



4284045657



# Same Dimension

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



4283533962



4284068787



4283526794



4282271045



4278224261



4278191365



# Inverse Universe

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



4287254922



4289943987



4287262289



4282728005



4286906501

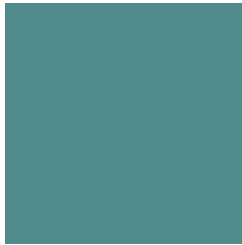


4278517765



# Previews

## White Background



This preview shows how the Android color 4283533962 looks on a white background.

## Color Contrast Check

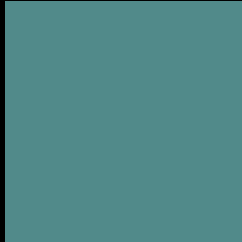
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4283533962 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

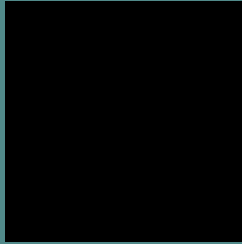
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4283533962 Background



This preview shows how black text looks on a background with the Android color 4283533962.



This preview shows how white text looks on a background with the Android color 4283533962.

# 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**

4283533962

**Protanopia**


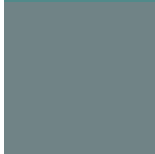

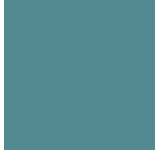
4286676868

**Deuteranopia**

4287003789



# Trichromacy

	<b>Original Color</b> 4283533962
	<b>Protanomaly</b> 4285563782
	<b>Deuteranomaly</b> 4285759884
	<b>Tritanomaly</b> 4283664784

# Monochromacy

	<b>Original Color</b> 4283533962
	<b>Achromatopsia</b> 4286151033
	<b>Achromatomaly</b> 4285169535

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283533962 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(81, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(81, 138, 138)  
}
```

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(81, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 138, 138) }
```

## Border

The CSS property to change the border of an element to Android 4283533962 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(81, 138, 138) }
```

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

```
.border{ border-color:rgb(81, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(81, 138,  
138) }
```

# Background

The CSS property to change the background color of an element to Android 4283533962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(81, 138, 138) }
```

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

```
.background{ background-color:rgb(81, 138,  
138) }
```

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