

# Converting Colors

Android(4283269226)

Have a look what the booklet for  
Android(4283269226) contains.

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# Color

**Android(4283269226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D806A
RGB	77, 128, 106
RGB Percent	30%, 50%, 42%
CMY	0.6980, 0.4980, 0.5843
CMYK	0.40, 0.00, 0.17, 0.50
HSL	154°, 25%, 40%
HSV	154°, 40%, 50%
XYZ	13.3813, 18.0567, 16.4157
YIQ	110.2430, -23.3340, -17.6540

# Conversions

## Conversions Part 2

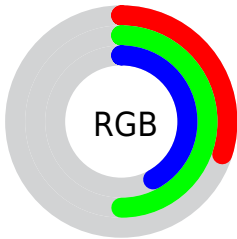
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 110, 128
Decimal	5079146
CIELab	49.56, -22.50, 6.60
CIElCh	50, 23.445, 163.658
Yxy	18.0567, 0.2796, 0.3773
Android (android.graphics.Color)	4283269226 (0xFF4D806A)
YUV	110.2430, -2.0918, -29.1541
Hunter-Lab	42.4932, -18.1529, 6.8407

# Details

The Android color `4283269226` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286598499`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4286625181`, and `4279979579` is the 20% darker color. If you saturate the color by 10%, you get `4282417252`, and if you desaturate by 10%, it is `4284121200`.

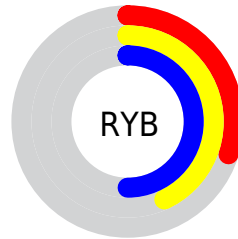
# Distribution



Red (30%)

Green (50%)

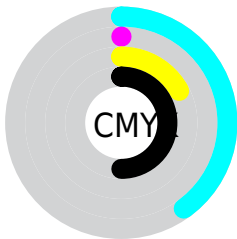
Blue (42%)



Red (30%)

Yellow (43%)

Blue (50%)

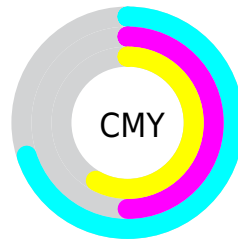


Cyan (40%)

Magenta (0%)

Yellow (17%)

Black (50%)



Cyan (70%)

Magenta (50%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283269226 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 4283269226 by changing the saturation by 10% instead.





4283269226



4283269226

4294967295



4281624402



4286625181



4279979579



4288401848



4278204197



4290178516



4278198800



4292018160



4278190080



4293918719



4283269226



4283269226



4282417252



4284121200



4281565279



4284973173

 4280778841

 4285759611

 4279926868

 4286611584

 4279074894

 4287463558

 4278222921

 4288315531

 4289167505

 4289953942

 4290805916

# Harmonies

## Analogous

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



4284775769



4283269226



4281958783

# Triad

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



4283269226



4285101468



4288310107

# Complementary

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



4283269226



4286598499

# 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.



4288571245



4283269226



4286869139

# Square

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



4283269226



4283202460



4288047234



4287459664

# Rectangle

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



4283269226



4281696395



4288047234



4288440673



# Sweetspot

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



4283269226



4287800989



4284710989



4282930255



4292138196



4283716692



# Same Dimension

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



4283269226



4283868803



4283268480



4281942077



4278222921



4278190080



# Inverse Universe

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



4286598499



4289091193



4286599245



4282399036



4286578743



4278190080



# Previews

## White Background



This preview shows how the Android color 4283269226 looks on a white background.

## Color Contrast Check

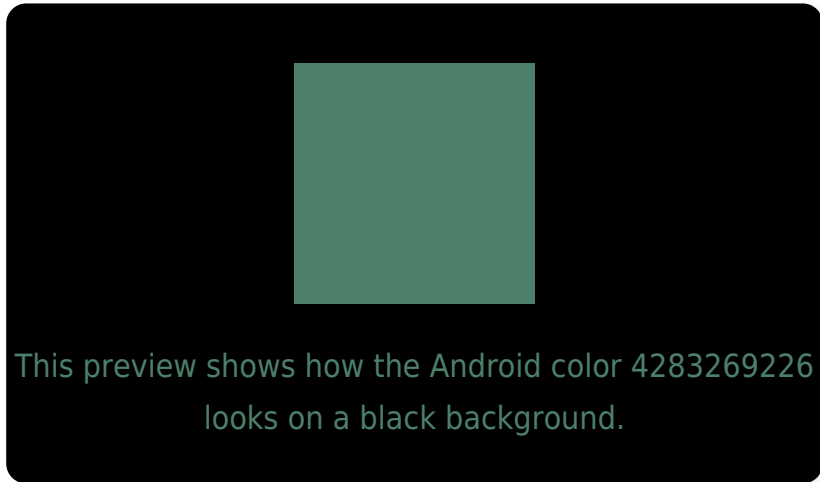
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 4283269226 Background



This preview shows how black text looks on a background with the Android color 4283269226.

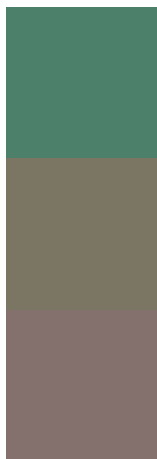


This preview shows how white text looks on a background with the Android color 4283269226.

# 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**

4283269226

**Protanopia**

4286281060

**Deuteranopia**

4286869869



# Trichromacy



**Original Color**  
4283269226

**Protanomaly**  
4285167974

**Deuteranomaly**  
4285560428

**Tritanomaly**  
4283530620

# Monochromacy



**Original Color**  
4283269226

**Achromatopsia**  
4285427310

**Achromatomaly**  
4284642669

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283269226 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(77, 128, 106)` looks like.

```
.text, #text, p{  
    color:rgb(77, 128, 106)  
}
```

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(77, 128, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 128, 106) }
```

## Border

The CSS property to change the border of an element to Android 4283269226 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(77, 128, 106) }
```

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

```
.border{ border-color:rgb(77, 128, 106) }
```

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

Here you see how a box with a 4 pixel rgb(77, 128, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 128, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 128, 106);  
box-shadow:4px 4px 4px 4px rgb(77, 128,  
106) }
```

# Background

The CSS property to change the background color of an element to Android 4283269226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 128, 106) }
```

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

```
.background{ background-color: rgb(77, 128,  
106) }
```

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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