

# Converting Colors

Android(4283013522)

Have a look what the booklet for  
Android(4283013522) contains.

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# Color

**Android(4283013522)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	499992
RGB	73, 153, 146
RGB Percent	29%, 60%, 57%
CMY	0.7137, 0.4000, 0.4275
CMYK	0.52, 0.00, 0.05, 0.40
HSL	175°, 35%, 44%
HSV	175°, 52%, 60%
XYZ	19.3272, 26.2743, 31.2469
YIQ	128.2820, -45.4330, -19.1370

# Conversions

## Conversions Part 2

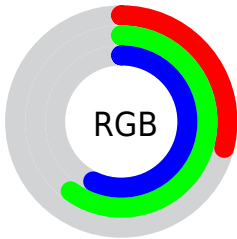
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 115, 153
Decimal	4823442
CIE <sub>Lab</sub>	58.30, -26.22, -3.82
CIE <sub>LCh</sub>	58, 26.498, 188.296
Yxy	26.2743, 0.2515, 0.3419
Android (android.graphics.Color)	4283013522 (0xFF499992)
YUV	128.2820, 8.7350, -48.4823
Hunter-Lab	51.2584, -22.3981, -0.2620

# Details

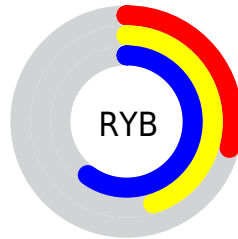
The Android color `4283013522` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4288235856`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4286632136`, and `4278347104` is the 20% darker color. If you saturate the color by 10%, you get `4282030481`, and if you desaturate by 10%, it is `4283996563`.

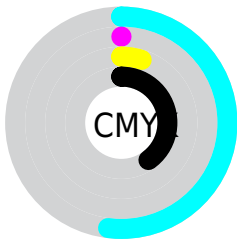
# Distribution



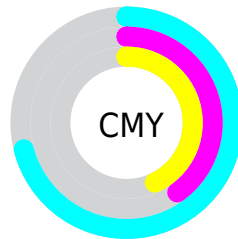
- Red (29%)
- Green (60%)
- Blue (57%)



- Red (29%)
- Yellow (45%)
- Blue (60%)



- Cyan (52%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283013522 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 4283013522 by changing the saturation by 10% instead.





4283013522



4283013522

4294967295



4281106296



4286632136



4278347104



4288474340



4278209864



4290314239



4278203954



4292214783



4278198557



4294115327



4278190082



4278190080



4283013522



4283013522



4282030481



4283996563

■ 4280981903

■ 4285045141

■ 4279998862

■ 4286028182

■ 4279015821

■ 4287011223

■ 4278229388

■ 4287994265

■ 4289042842

■ 4290025883

■ 4291008925

■ 4292057502

# Harmonies

## Analogous

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



4284586106



4283013522



4282489000

# Triad

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



4283013522



4288185521



4289430882

# Complementary

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



4283013522



4288235856

# 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.



4290281072



4283013522



4289691038

# Square

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



4283013522



4286024890



4290411398



4288056670

# Rectangle

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



4283013522



4283209139



4290411398



4289757797



# Sweetspot

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



4283013522



4289185732



4283537737



4283523938



4293125091



4284703587



# Same Dimension

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



4283013522



4283090876



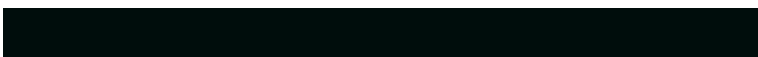
4283005337



4282731852



4278226048



4278193420



# Inverse Universe

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



4288235856



4291250773



4288244041



4283254086



4287365132

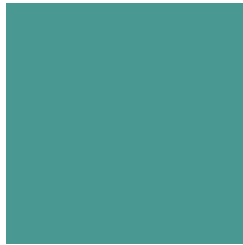


4279042049



# Previews

## White Background



This preview shows how the Android color 4283013522 looks on a white background.

## Color Contrast Check

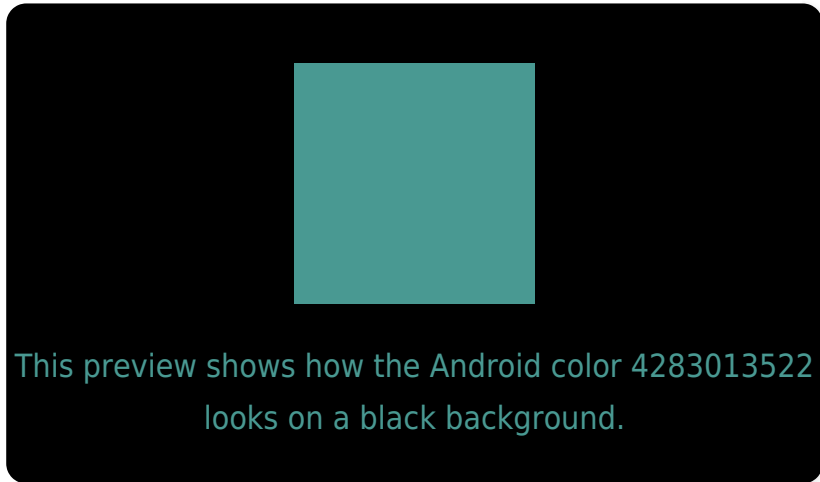
Large Text (above 18pt) WCAG AA ✓ Pass

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

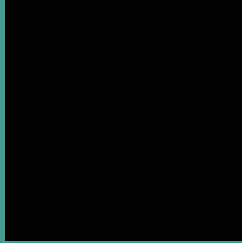
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4283013522 Background



This preview shows how black text looks on a background with the Android color 4283013522.

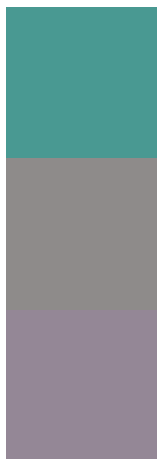


This preview shows how white text looks on a background with the Android color 4283013522.

# 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**  
4283013522

**Protanopia**  
4287531914

**Deuteranopia**  
4287924118



# Trichromacy



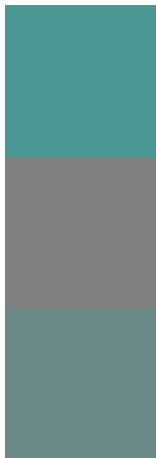
**Original Color**  
4283013522

**Protanomaly**  
4285894797

**Deuteranomaly**  
4286156437

**Tritanomaly**  
4283275165

# Monochromacy



**Original Color**  
4283013522

**Achromatopsia**  
4286611584

**Achromatomaly**  
4285303175

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283013522 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(73, 153, 146)` looks like.

```
.text, #text, p{  
    color:rgb(73, 153, 146)  
}
```

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(73, 153, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 153, 146) }
```

## Border

The CSS property to change the border of an element to Android 4283013522 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(73, 153, 146) }
```

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

```
.border{ border-color:rgb(73, 153, 146) }
```

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

Here you see how a box with a 4 pixel rgb(73, 153, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 153, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 153, 146);  
box-shadow:4px 4px 4px 4px rgb(73, 153,  
146) }
```

# Background

The CSS property to change the background color of an element to Android 4283013522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 153, 146) }
```

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

```
.background{ background-color: rgb(73, 153,  
146) }
```

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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