

# Converting Colors

Android(4283195972)

Have a look what the booklet for  
Android(4283195972) contains.

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# Color

**Android(4283195972)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C6244
RGB	76, 98, 68
RGB Percent	30%, 38%, 27%
CMY	0.7020, 0.6157, 0.7333
CMYK	0.22, 0.00, 0.31, 0.62
HSL	104°, 18%, 33%
HSV	104°, 31%, 38%
XYZ	8.3916, 10.6892, 7.0898
YIQ	88.0020, -3.4820, -13.9940

# Conversions

## Conversions Part 2

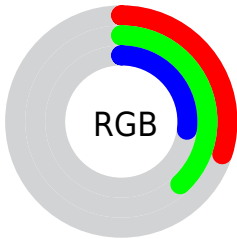
Format	Color
<a href="#">RYB</a>	<a href="#">68, 98, 90</a>
Decimal	<a href="#">5005892</a>
CIELab	<a href="#">39.05, -14.65, 14.46</a>
CIELCh	<a href="#">39, 20.583, 135.387</a>
Yxy	<a href="#">10.6892, 0.3206, 0.4084</a>
Android (android.graphics.Color)	<a href="#">4283195972 (0xFF4C6244)</a>
YUV	<a href="#">88.0020, -9.8610, -10.5258</a>
Hunter-Lab	<a href="#">32.6944, -11.4001, 10.0290</a>

# Details

The Android color `4283195972` is a dark color, and the websafe version is hex `666633`. A complement of this color would be `4284105826`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4286420340`, and `4280234777` is the 20% darker color. If you saturate the color by 10%, you get `4282737210`, and if you desaturate by 10%, it is `4283654734`.

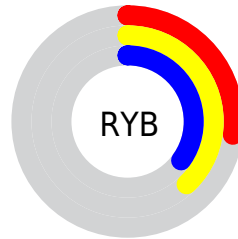
# Distribution



Red (30%)

Green (38%)

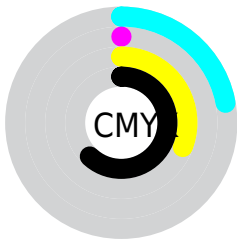
Blue (27%)



Red (27%)

Yellow (38%)

Blue (35%)

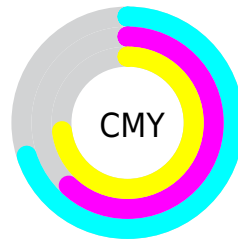


Cyan (22%)

Magenta (0%)

Yellow (31%)

Black (62%)



Cyan (70%)

Magenta (62%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283195972 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 4283195972 by changing the saturation by 10% instead.





4283195972



4283195972

4294967295



4281682478



4286420340



4280234777



4288130958



4278918656



4289907624



4278190080



4291749828



4293591008

4294967292



4283195972



4283195972



4282737210



4283654734

■ 4282278448

■ 4284113496

■ 4281754151

■ 4284637793

■ 4281295389

■ 4285096555

■ 4280836627

■ 4285555317

■ 4280377865

■ 4286014079

■ 4279919104

■ 4286472841

■ 4286931602

■ 4287455900

# Harmonies

## Analogous

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



4284440123



4283195972



4281886035

# Triad

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



4283195972



4281950332



4286402644

# Complementary

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



4283195972



4284105826

# 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.



4286074981



4283195972



4283652988

# Square

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



4283195972



4280706163



4285093236



4286206789

# Rectangle

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



4283195972



4281099615



4285093236



4286336858



# Sweetspot

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



4283195972



4286021748



4284635716



4282073145



4290756543



4282400832



# Same Dimension

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



4283195972



4284317776



4282671691



4281151532



4280184832



4282445824



# Inverse Universe

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



4284105826



4285747328



4284630107



4281281584



4283564144

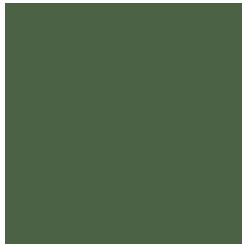


4289724656



# Previews

## White Background



This preview shows how the Android color 4283195972 looks on a white background.

## Color Contrast Check

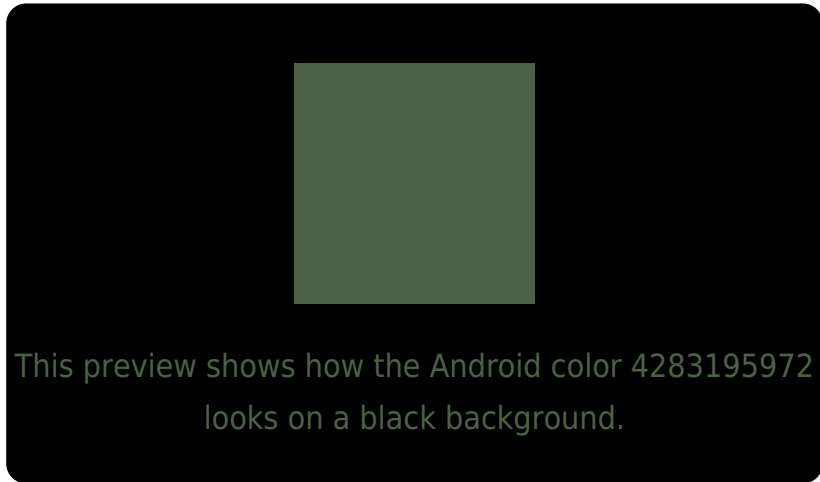
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

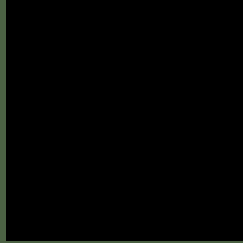
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4283195972 Background



This preview shows how black text looks on a background with the Android color 4283195972.



This preview shows how white text looks on a background with the Android color 4283195972.

# 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**

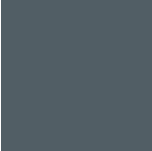
4283195972

**Protanopia**

4284701761

**Deuteranopia**

4285290566



**Tritanopia**  
4283522661

# Trichromacy



**Original Color**  
4283195972

**Protanomaly**  
4284177986

**Deuteranomaly**  
4284505157

**Tritanomaly**  
4283391833

# Monochromacy



**Original Color**  
4283195972

**Achromatopsia**  
4283979864

**Achromatomaly**  
4283718737

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283195972 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(76, 98, 68)` looks like.

```
.text, #text, p{  
    color:rgb(76, 98, 68)  
}
```

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(76, 98, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 98, 68) }
```

## Border

The CSS property to change the border of an element to Android 4283195972 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(76, 98, 68) }
```

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

```
.border{ border-color:rgb(76, 98, 68) }
```

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

Here you see how a box with a 4 pixel rgb(76, 98, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 98, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 98, 68);  
box-shadow:4px 4px 4px 4px rgb(76, 98, 68)  
}
```

# Background

The CSS property to change the background color of an element to Android 4283195972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 98, 68) }
```

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

```
.background{ background-color: rgb(76, 98,  
68) }
```

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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