

Converting Colors

Android(4283081072)

Have a look what the booklet for
Android(4283081072) contains.

Android(4283081072)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283081072)

Conversions

Conversions Part 1

Format	Color
Hex	4AA170
RGB	74, 161, 112
RGB Percent	29%, 63%, 44%
CMY	0.7098, 0.3686, 0.5608
CMYK	0.54, 0.00, 0.30, 0.37
HSL	146°, 37%, 46%
HSV	146°, 54%, 63%
XYZ	18.4935, 28.1154, 19.7813
YIQ	129.4010, -36.1230, -33.6830

Conversions

Conversions Part 2

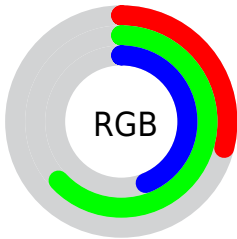
Format	Color
RYB	74, 135, 161
Decimal	4890992
CIELab	59.99, -37.82, 17.75
CIELCh	60, 41.780, 154.861
Yxy	28.1154, 0.2786, 0.4235
Android (android.graphics.Color)	4283081072 (0xFF4AA170)
YUV	129.4010, -8.5787, -48.5867
Hunter-Lab	53.0240, -30.5353, 14.9978

Details

The Android color `4283081072` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4288760443`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4286699684`, and `4278545728` is the 20% darker color. If you saturate the color by 10%, you get `4282032487`, and if you desaturate by 10%, it is `4284129657`.

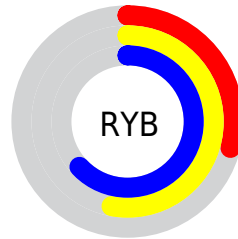
Distribution



Red (29%)

Green (63%)

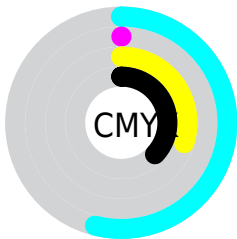
Blue (44%)



Red (29%)

Yellow (53%)

Blue (63%)

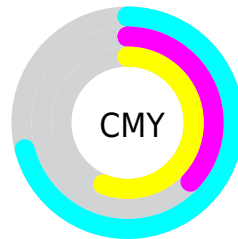


Cyan (54%)

Magenta (0%)

Yellow (30%)

Black (37%)



Cyan (71%)

Magenta (37%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283081072 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 4283081072 by changing the saturation by 10% instead.



4283081072



4283081072

4294967295



4281173591



4286699684



4278545728



4288542143



4278211625



4290379739



4278205460



4292280312



4278200064



4294180863



4278190080



4283081072



4283081072



4282032487



4284129657



4280983902



4285178242

 4279935317

 4286226827

 4278886732

 4287275412

 4278231366

 4288389533

 4289438118

 4290486703

 4291535289

 4292583874

Harmonies

Analogous

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



4286290770



4283081072



4278232214

Triad

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



4283081072



4284388058



4292048744

Complementary

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



4283081072



4288760443

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.



4292178572



4283081072



4288447949

Square

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



4283081072



4278230482



4291000497



4290806606

Rectangle

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



4283081072



4278231982



4291000497



4292244596

Sweetspot

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



4283081072



4289778110



4286292298



4283787613



4293454056



4285098345

Same Dimension

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



4283081072



4283027845



4283081115



4282995277



4278227263



4278194696

Inverse Universe

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



4288760443



4291905942



4288760400



4283582798



4287692882



4279369738

Previews

White Background



This preview shows how the Android color 4283081072 looks on a white background.

Color Contrast Check

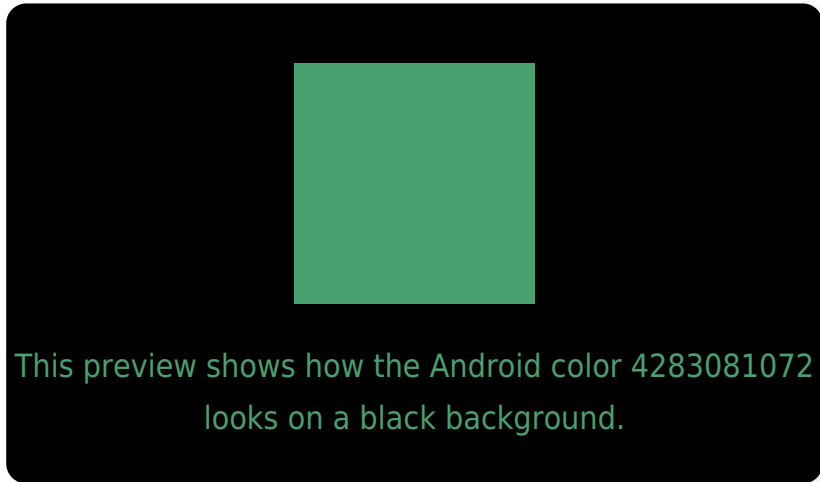
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283081072 Background



This preview shows how black text looks on a background with the Android color 4283081072.



This preview shows how white text looks on a background with the Android color 4283081072.

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
4283081072

Protanopia
4288319592

Deuteranopia
4289170037

Trichromacy



Original Color
4283081072



Protanomaly
4286420587



Deuteranomaly
4286943859



Tritanomaly
4283735443

Monochromacy



Original Color
4283081072



Achromatopsia
4286677377



Achromatomaly
4285369723

CSS Examples

Text

The CSS property to change the color of the text to Android 4283081072 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(74, 161, 112)` looks like.

```
.text, #text, p{  
    color:rgb(74, 161, 112)  
}
```

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(74, 161, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 161, 112) }
```

Border

The CSS property to change the border of an element to Android 4283081072 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(74, 161, 112) }
```

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

```
.border{ border-color:rgb(74, 161, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 161, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 161, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 161, 112);  
box-shadow:4px 4px 4px 4px rgb(74, 161,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4283081072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 161, 112) }
```

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

```
.background{ background-color: rgb(74, 161,  
112) }
```

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