

Converting Colors

Android(4283017332)

Have a look what the booklet for
Android(4283017332) contains.

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Color

Android(4283017332)

Conversions

Conversions Part 1

Format	Color
Hex	49A874
RGB	73, 168, 116
RGB Percent	29%, 66%, 45%
CMY	0.7137, 0.3412, 0.5451
CMYK	0.57, 0.00, 0.31, 0.34
HSL	147°, 39%, 47%
HSV	147°, 57%, 66%
XYZ	19.9027, 30.6827, 21.3964
YIQ	133.6670, -39.9280, -36.3120

Conversions

Conversions Part 2

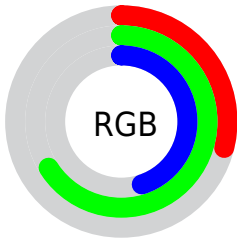
Format	Color
RYB	73, 138, 168
Decimal	4827252
CIELab	62.24, -40.32, 18.62
CIELCh	62, 44.415, 155.216
Yxy	30.6827, 0.2765, 0.4263
Android (android.graphics.Color)	4283017332 (0xFF49A874)
YUV	133.6670, -8.7098, -53.2050
Hunter-Lab	55.3920, -32.7998, 15.8723

Details

The Android color `4283017332` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4289218941`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4286701736`, and `4278219587` is the 20% darker color. If you saturate the color by 10%, you get `4281903211`, and if you desaturate by 10%, it is `4284131453`.

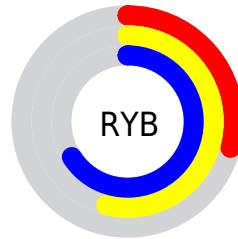
Distribution



Red (29%)

Green (66%)

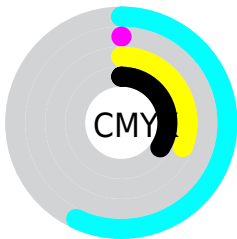
Blue (45%)



Red (29%)

Yellow (54%)

Blue (66%)

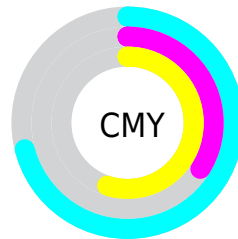


Cyan (57%)

Magenta (0%)

Yellow (31%)

Black (34%)



Cyan (71%)

Magenta (34%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Android color 4283017332 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 4283017332 by changing the saturation by 10% instead.

 4283017332

 4283017332

4294967295

 4281044315

 4286701736

 4278219587

 4288544196

 4278213165

 4290379744

 4278206743

 4292280316

 4278201088


 4294246399

 4278193920

 4278190080

 4283017332

 4283017332

 4281903211

 4284131453

 4280789090

 4285245574

 4279740504

 4286294160

 4278626383


 4287408281

 4278233164

 4288522402

 4289636523

 4290750644

 4291799230

 4292913351

Harmonies

Analogous

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



4286488916



4283017332



4278234012

Triad

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



4283017332



4284520677



4292705131

Complementary

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



4283017332



4289218941

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.



4292900241



4283017332



4288907735

Square

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



4283017332



4278232029



4291656632



4291397967

Rectangle

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



4283017332



4278233783



4291656632



4292900983

Sweetspot

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



4283017332



4290173895



4286425161



4283985506



4293783021



4285427310

Same Dimension

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



4283017332



4282833802



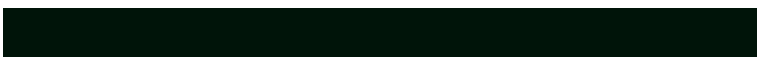
4283017379



4283192400



4278228035



4278195209

Inverse Universe

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



4289218941



4292560536



4289218894



4283714640



4287889489



4279500811

Previews

White Background



This preview shows how the Android color 4283017332 looks on a white background.

Color Contrast Check

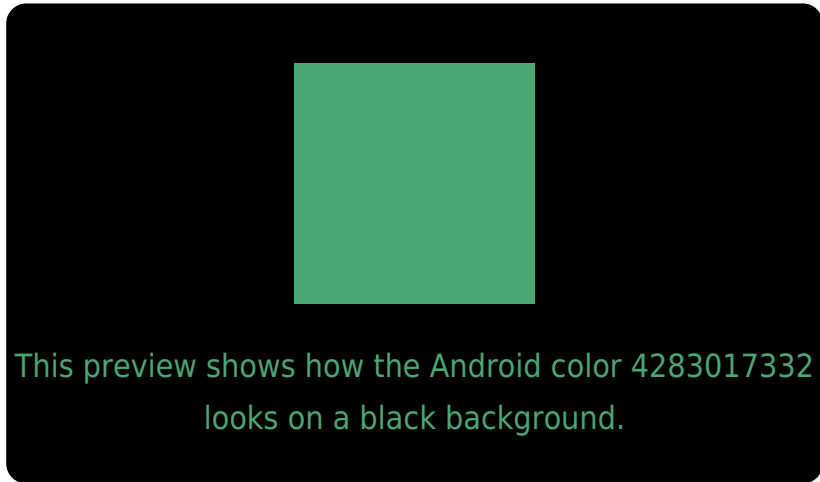
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Android 4283017332 Background



This preview shows how black text looks on a background with the Android color 4283017332.



This preview shows how white text looks on a background with the Android color 4283017332.

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



Trichromacy



Original Color

4283017332



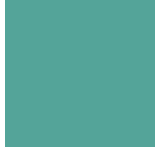
Protanomaly

4286684271



Deuteranomaly

4287207799



Tritanomaly

4283737241

Monochromacy



Original Color

4283017332



Achromatopsia

4287006342



Achromatomaly

4285567615

CSS Examples

Text

The CSS property to change the color of the text to Android 4283017332 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, 168, 116)` looks like.

```
.text, #text, p{  
    color:rgb(73, 168, 116)  
}
```

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, 168, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 168, 116) }
```

Border

The CSS property to change the border of an element to Android 4283017332 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, 168, 116) }
```

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

```
.border{ border-color:rgb(73, 168, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 168, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 168, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 168, 116);  
box-shadow:4px 4px 4px 4px rgb(73, 168,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4283017332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 168, 116) }
```

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

```
.background{ background-color: rgb(73, 168,  
116) }
```

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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