

Converting Colors

Android(4284336005)

Have a look what the booklet for
Android(4284336005) contains.

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Color

Android(4284336005)

Conversions

Conversions Part 1

Format	Color
Hex	5DC785
RGB	93, 199, 133
RGB Percent	36%, 78%, 52%
CMY	0.6353, 0.2196, 0.4784
CMYK	0.53, 0.00, 0.33, 0.22
HSL	143°, 49%, 57%
HSV	143°, 53%, 78%
XYZ	29.1713, 44.8675, 29.3131
YIQ	159.7820, -41.9900, -42.9980

Conversions

Conversions Part 2

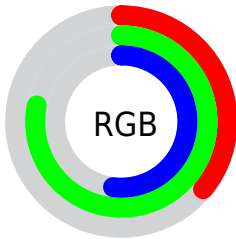
Format	Color
RYB	93, 170, 199
Decimal	6145925
CIELab	72.80, -45.51, 23.97
CIELCh	73, 51.437, 152.224
Yxy	44.8675, 0.2823, 0.4341
Android (android.graphics.Color)	4284336005 (0xFF5DC785)
YUV	159.7820, -13.2035, -58.5678
Hunter-Lab	66.9832, -39.4836, 20.9418

Details

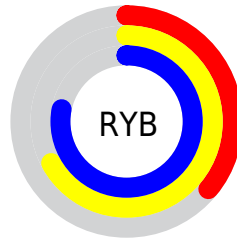
The Android color **4284336005** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **4291255711**, and the grayscale version is **4288716960**.

A 20% lighter version of the original color is **4288085947**, and **4280062035** is the 20% darker color. If you saturate the color by 10%, you get **4283025273**, and if you desaturate by 10%, it is **4285646737**.

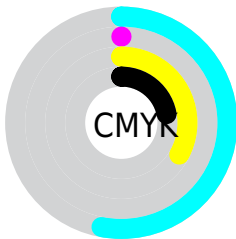
Distribution



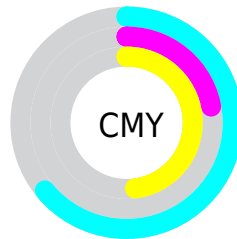
- Red (36%)
- Green (78%)
- Blue (52%)



- Red (36%)
- Yellow (67%)
- Blue (78%)



- Cyan (53%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)



- Cyan (64%)
- Magenta (22%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284336005 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 4284336005 by changing the saturation by 10% instead.



4284336005



4284336005

4294967295



4282362731



4288085947



4280062035



4289986518



4278220347



4291887091



4278213668



4293787647



4278207502



4278201600



4278194432



4278190080




4284336005



4284336005

 4283025273

 4285646737

 4281714540

 4286957470

 4280403808

 4288268202

 4279093075

 4289578935

 4278241099

 4290889667

 4292134863

 4293445596

 4294756328

 4294952949

Harmonies

Analogous

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



4288397152



4284336005



4278242229

Triad

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



4284336005



4284921599



4294939011

Complementary

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



4284336005



4291255711

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.



4294937521



4284336005



4290487807

Square

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



4284336005



4278240255



4293956831



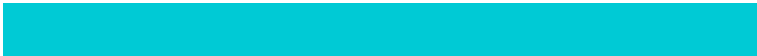
4294090848

Rectangle

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



4284336005



4278242005



4293956831



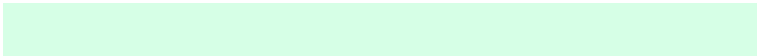
4294938002

Sweetspot

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



4284336005



4292280294



4288726877



4284973168



4278190080



4286611584

Same Dimension

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



4284336005



4284284825



4284336057



4284113757



4278231870



4278199309

Inverse Universe

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



4291255711



4294925505



4291255659



4284701280



4288872550



4280549398

Previews

White Background



This preview shows how the Android color 4284336005 looks on a white background.

Color Contrast Check

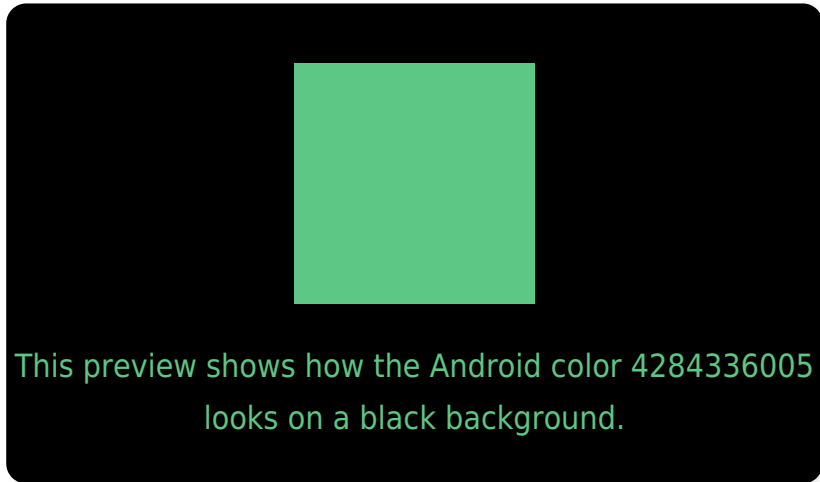
Large Text (above 18pt) WCAG AA × Fail

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 4284336005 Background



This preview shows how black text looks on a background with the Android color 4284336005.

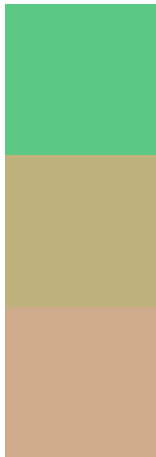


This preview shows how white text looks on a background with the Android color 4284336005.

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
4284336005

Protanopia
4290818428

Deuteranopia
4291799691

Trichromacy



Original Color

4284336005



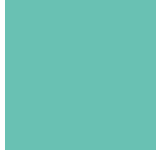
Protanomaly

4288461183



Deuteranomaly

4289115529



Tritanomaly

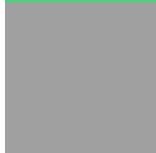
4285120947

Monochromacy



Original Color

4284336005



Achromatopsia

4288716960



Achromatomaly

4287147670

CSS Examples

Text

The CSS property to change the color of the text to Android 4284336005 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(93, 199, 133)` looks like.

```
.text, #text, p{  
    color:rgb(93, 199, 133)  
}
```

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(93, 199, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 199, 133) }
```

Border

The CSS property to change the border of an element to Android 4284336005 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(93, 199, 133) }
```

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

```
.border{ border-color:rgb(93, 199, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 199, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 199, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 199, 133);  
box-shadow:4px 4px 4px 4px rgb(93, 199,  
133) }
```

Background

The CSS property to change the background color of an element to Android 4284336005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 199, 133) }
```

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

```
.background{ background-color: rgb(93, 199,  
133) }
```

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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