

Converting Colors

Android(4283016771)

Have a look what the booklet for
Android(4283016771) contains.

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Color

Android(4283016771)

Conversions

Conversions Part 1

Format	Color
Hex	49A643
RGB	73, 166, 67
RGB Percent	29%, 65%, 26%
CMY	0.7137, 0.3490, 0.7373
CMYK	0.56, 0.00, 0.60, 0.35
HSL	116°, 42%, 46%
HSV	116°, 60%, 65%
XYZ	17.3970, 29.0942, 10.0090
YIQ	126.9070, -23.6490, -50.5050

Conversions

Conversions Part 2

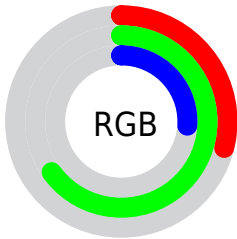
Format	Color
RYB	67, 166, 160
Decimal	4826691
CIELab	60.86, -47.42, 42.26
CIELCh	61, 63.523, 138.294
Yxy	29.0942, 0.3079, 0.5149
Android (android.graphics.Color)	4283016771 (0xFF49A643)
YUV	126.9070, -29.5342, -47.2764
Hunter-Lab	53.9390, -36.8215, 26.7553

Details

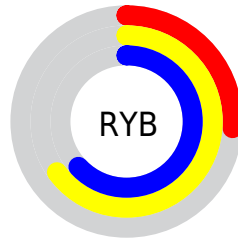
The Android color `4283016771` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4288693158`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4286766710`, and `4278219022` is the 20% darker color. If you saturate the color by 10%, you get `4281968178`, and if you desaturate by 10%, it is `4284065364`.

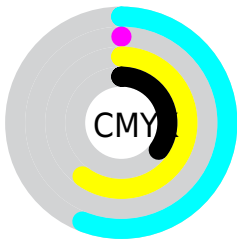
Distribution



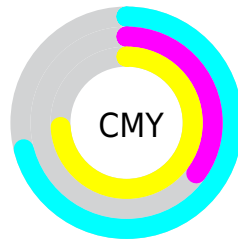
- Red (29%)
- Green (65%)
- Blue (26%)



- Red (26%)
- Yellow (65%)
- Blue (63%)



- Cyan (56%)
- Magenta (0%)
- Yellow (60%)
- Black (35%)



- Cyan (71%)
- Magenta (35%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283016771 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 4283016771 by changing the saturation by 10% instead.



4283016771



4283016771

4294967295



4280978218



4286766710



4278219022



4288609169



4278212608



4290510764



4278206208



4292411336



4278200832



4294311908



4278191616



4278190080



4283016771



4283016771



4281968178



4284065364

 4280985122

 4285048420

 4279936529

 4286097013

 4278953473

 4287080069

 4278887936

 4288128662

 4289177255

 4290160311

 4291208904

 4292191960

Harmonies

Analogous

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



4287535893



4283016771



4278234234

Triad

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



4283016771



4278231295



4294467187

Complementary

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



4283016771



4288693158

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.



4293746603



4283016771



4284911102

Square

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



4283016771



4278233830



4290802910



4293357888

Rectangle

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



4283016771



4278234529



4290802910



4294466438

Sweetspot

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



4283016771



4290042290



4289109827



4283919958



4293783021



4285427310

Same Dimension

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



4283016771



4282833213



4282623598



4283192396



4278817792



4278260736

Inverse Universe

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



4288693158



4291771865



4289086331



4283714644



4287299732



4279435284

Previews

White Background



This preview shows how the Android color 4283016771 looks on a white background.

Color Contrast Check

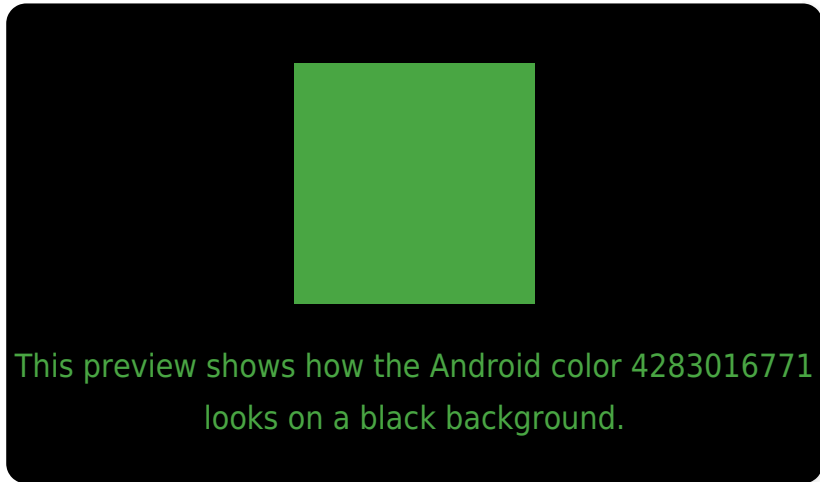
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283016771 Background



This preview shows how black text looks on a background with the Android color 4283016771.



This preview shows how white text looks on a background with the Android color 4283016771.

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



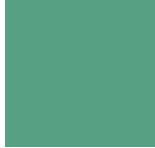
Original Color
4283016771



Protanomaly
4286748991



Deuteranomaly
4287403336



Tritanomaly
4283932803

Monochromacy



Original Color
4283016771



Achromatopsia
4286545791



Achromatomaly
4285238633

CSS Examples

Text

The CSS property to change the color of the text to Android 4283016771 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, 166, 67)` looks like.

```
.text, #text, p{  
    color:rgb(73, 166, 67)  
}
```

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, 166, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 166, 67) }
```

Border

The CSS property to change the border of an element to Android 4283016771 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, 166, 67) }
```

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

```
.border{ border-color:rgb(73, 166, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 166, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 166, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 166, 67);  
box-shadow:4px 4px 4px 4px rgb(73, 166,  
67) }
```

Background

The CSS property to change the background color of an element to Android 4283016771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 166, 67) }
```

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

```
.background{ background-color: rgb(73, 166,  
67) }
```

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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