

Converting Colors

Android(4283016655)

Have a look what the booklet for
Android(4283016655) contains.

Android(4283016655)	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(4283016655)

Conversions

Conversions Part 1

Format	Color
Hex	49A5CF
RGB	73, 165, 207
RGB Percent	29%, 65%, 81%
CMY	0.7137, 0.3529, 0.1882
CMYK	0.65, 0.20, 0.00, 0.19
HSL	199°, 58%, 55%
HSV	199°, 65%, 81%
XYZ	27.4653, 32.8317, 63.9211
YIQ	142.2800, -68.3140, -6.4420

Conversions

Conversions Part 2

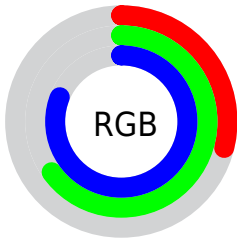
Format	Color
RYB	73, 128, 207
Decimal	4826575
CIELab	64.02, -14.37, -29.49
CIElCh	64, 32.807, 244.020
Yxy	32.8317, 0.2211, 0.2643
Android (android.graphics.Color)	4283016655 (0xFF49A5CF)
YUV	142.2800, 31.9070, -60.7586
Hunter-Lab	57.2990, -14.7123, -26.0329

Details

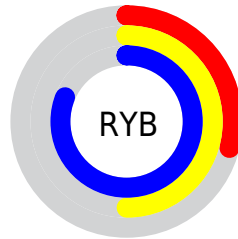
The Android color `4283016655` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle muted azure. A complement of this color would be `4291785545`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4287028479`, and `4278219160` is the 20% darker color. If you saturate the color by 10%, you get `4281638863`, and if you desaturate by 10%, it is `4284394447`.

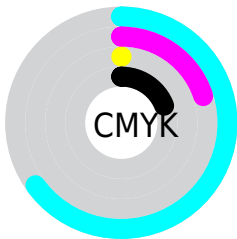
Distribution



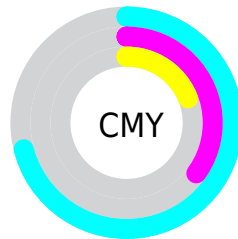
- Red (29%)
- Green (65%)
- Blue (81%)



- Red (29%)
- Yellow (50%)
- Blue (81%)



- Cyan (65%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)




















- Cyan (71%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283016655 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 4283016655 by changing the saturation by 10% instead.

 4283016655	 4283016655
 4294967295	 4280519603
 4287028479	 4278219160
 4289001983	 4278212990
 4290904063	 4278206821
 4292870143	 4278201165
 4294836223	 4278196278
	 4278190624
	 4278190085
	 4278190080

■ 4283016655

■ 4283016655

■ 4281638863

■ 4284394447

■ 4280326351

■ 4285706959

■ 4278948559

■ 4287084751

■ 4278226639

■ 4288462799

■ 4289840591

■ 4291153103

■ 4292530895

■ 4293908943

■ 4294959055

Harmonies

Analogous

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



4281182907



4283016655



4286094805

Triad

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



4283016655



4292052376



4287406954

Complementary

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



4283016655



4291785545

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.



4289436512



4283016655



4292053116

Square

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



4283016655



4291004853



4291072359



4285114753

Rectangle

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



4283016655



4288059088



4291072359



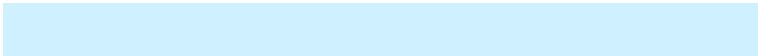
4288127333

Sweetspot

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



4283016655



4291817727



4283027313



4284642944



4278190080



4286611584

Same Dimension

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



4283016655



4281909759



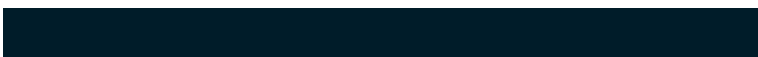
4283000015



4284376425



4278219944



4278197289

Inverse Universe

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



4291774885



4294916289



4291802185



4285095525



4289200244



4280877084

Previews

White Background



This preview shows how the Android color 4283016655 looks on a white background.

Color Contrast Check

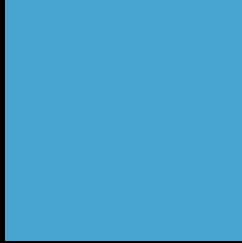
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4283016655 looks on a 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 4283016655 Background



This preview shows how black text looks on a background with the Android color 4283016655.



This preview shows how white text looks on a background with the Android color 4283016655.

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
4283016655

Protanomaly
4285963721

Deuteranomaly
4285701585

Tritanomaly
4282493120

Monochromacy



Original Color
4283016655

Achromatopsia
4287532686

Achromatomaly
4285896358

CSS Examples

Text

The CSS property to change the color of the text to Android 4283016655 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, 165, 207)` looks like.

```
.text, #text, p{  
    color:rgb(73, 165, 207)  
}
```

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, 165, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 165, 207) }
```

Border

The CSS property to change the border of an element to Android 4283016655 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, 165, 207) }
```

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

```
.border{ border-color:rgb(73, 165, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 165, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 165, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 165, 207);  
box-shadow:4px 4px 4px 4px rgb(73, 165,  
207) }
```

Background

The CSS property to change the background color of an element to Android 4283016655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 165, 207) }
```

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

```
.background{ background-color: rgb(73, 165,  
207) }
```

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