

Converting Colors

Android(4283016400)

Have a look what the booklet for
Android(4283016400) contains.

Android(4283016400)	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(4283016400)

Conversions

Conversions Part 1

Format	Color
Hex	49A4D0
RGB	73, 164, 208
RGB Percent	29%, 64%, 82%
CMY	0.7137, 0.3569, 0.1843
CMYK	0.65, 0.21, 0.00, 0.18
HSL	200°, 59%, 55%
HSV	200°, 65%, 82%
XYZ	27.4083, 32.5215, 64.5072
YIQ	141.8070, -68.3600, -5.6080

Conversions

Conversions Part 2

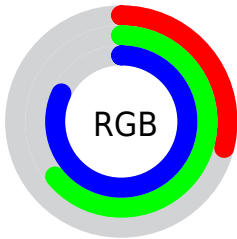
Format	Color
RYB	73, 127, 208
Decimal	4826320
CIELab	63.77, -13.51, -30.44
CIELCh	64, 33.302, 246.065
Yxy	32.5215, 0.2203, 0.2613
Android (android.graphics.Color)	4283016400 (0xFF49A4D0)
YUV	141.8070, 32.6331, -60.3437
Hunter-Lab	57.0276, -14.0086, -27.1470

Details

The Android color `4283016400` is a light color, and the websafe version is hex `3399CC`. The color can be described as light muted azure. A complement of this color would be `4291851593`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4287028223`, and `4278218905` is the 20% darker color. If you saturate the color by 10%, you get `4281638352`, and if you desaturate by 10%, it is `4284394448`.

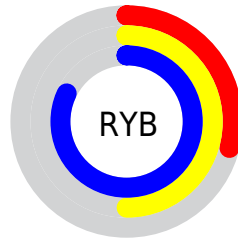
Distribution



Red (29%)

Green (64%)

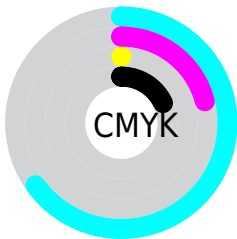
Blue (82%)



Red (29%)

Yellow (50%)

Blue (82%)

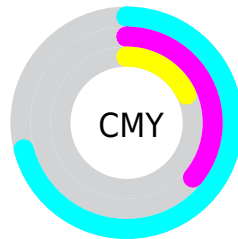


Cyan (65%)

Magenta (21%)

Yellow (0%)

Black (18%)



Cyan (71%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283016400 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 4283016400 by changing the saturation by 10% instead.

 4283016400

 4283016400

4294967295

 4280519348

 4287028223

 4278218905

 4289001471

 4278212735

 4290904063

 4278206822

 4292870143

 4278200910

4294901759

 4278196023

 4278190625

 4278190086

 4278190080

■ 4283016400

■ 4283016400

■ 4281638352

■ 4284394448

■ 4280260304

■ 4285772496

■ 4278948048

■ 4287084752

■ 4278226128

■ 4288462800

■ 4289840848

■ 4291218896

■ 4292596688

■ 4293909200

■ 4294959568

Harmonies

Analogous

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



4280854972



4283016400



4286225365

Triad

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



4283016400



4292117653



4287144810

Complementary

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



4283016400



4291851593

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.



4289239903



4283016400



4291987321

Square

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



4283016400



4291135411



4290941029



4284852353

Rectangle

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



4283016400



4288255184



4290941029



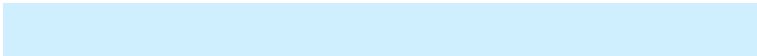
4287930724

Sweetspot

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



4283016400



4291817471



4283027572



4284642944



4278190080



4286611584

Same Dimension

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



4283016400



4281908991



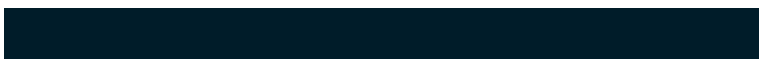
4282999504



4284376425



4278219176



4278197289

Inverse Universe

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



4291840420



4294916286



4291868489



4285095525



4289200241



4280877084

Previews

White Background



This preview shows how the Android color 4283016400 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 4283016400 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 4283016400 Background



This preview shows how black text looks on a background with the Android color 4283016400.



This preview shows how white text looks on a background with the Android color 4283016400.

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



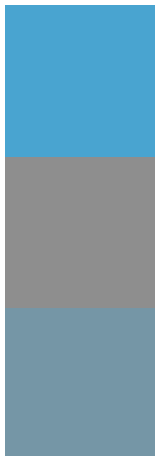
Original Color
4283016400

Protanomaly
4285832394

Deuteranomaly
4285635794

Tritanomaly
4282427327

Monochromacy



Original Color
4283016400

Achromatopsia
4287532686

Achromatomaly
4285896358

CSS Examples

Text

The CSS property to change the color of the text to Android 4283016400 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, 164, 208)` looks like.

```
.text, #text, p{  
    color:rgb(73, 164, 208)  
}
```

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, 164, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 164, 208) }
```

Border

The CSS property to change the border of an element to Android 4283016400 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, 164, 208) }
```

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

```
.border{ border-color:rgb(73, 164, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 164, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 164, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 164, 208);  
box-shadow:4px 4px 4px 4px rgb(73, 164,  
208) }
```

Background

The CSS property to change the background color of an element to Android 4283016400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 164, 208) }
```

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

```
.background{ background-color: rgb(73, 164,  
208) }
```

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