

Converting Colors

Android(4283018166)

Have a look what the booklet for
Android(4283018166) contains.

Android(4283018166)	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(4283018166)

Conversions

Conversions Part 1

Format	Color
Hex	49ABB6
RGB	73, 171, 182
RGB Percent	29%, 67%, 71%
CMY	0.7137, 0.3294, 0.2863
CMYK	0.60, 0.06, 0.00, 0.29
HSL	186°, 43%, 50%
HSV	186°, 60%, 71%
XYZ	25.7541, 33.9197, 49.4457
YIQ	142.9520, -61.9390, -17.3550

Conversions

Conversions Part 2

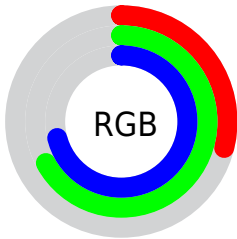
Format	Color
RYB	73, 125, 182
Decimal	4828086
CIELab	64.90, -25.15, -14.25
CIELCh	65, 28.908, 209.528
Yxy	33.9197, 0.2360, 0.3108
Android (android.graphics.Color)	4283018166 (0xFF49ABB6)
YUV	142.9520, 19.2507, -61.3479
Hunter-Lab	58.2406, -22.9882, -9.5682




Details

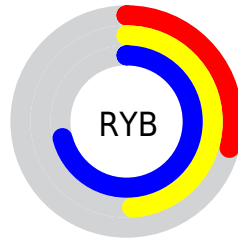
The Android color `4283018166` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4290139209`, and the grayscale version is `4287598479`.




A 20% lighter version of the original color is `4286899182`, and `4278220417` is the 20% darker color. If you saturate the color by 10%, you get `4281838006`, and if you desaturate by 10%, it is `4284198326`.

Distribution







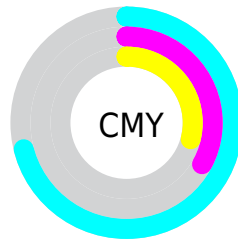
-  Red (29%)
-  Green (67%)
-  Blue (71%)






-  Red (29%)
-  Yellow (49%)
-  Blue (71%)



-  Cyan (60%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (29%)



-  Cyan (71%)
-  Magenta (33%)
-  Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283018166 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 4283018166 by changing the saturation by 10% instead.

 4283018166

 4283018166

4294967295

 4280783003

 4286899182

 4278220417

 4288806911

 4278213992

 4290707455

 4278207824

 4292673535

 4278202169

 4294639615

 4278197027

 4278190349

 4278190080

 4283018166

 4283018166

■ 4281838006

■ 4284198326

■ 4280657846

■ 4285378486

■ 4279412150

■ 4286624182

■ 4278232246

■ 4287804086

■ 4288984246

■ 4290164406

■ 4291344566

■ 4292590262

■ 4293770422

Harmonies

Analogous

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



4284132508



4283018166



4283934665

Triad

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



4283018166



4290678712



4289764458

Complementary

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



4283018166



4290139209

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.



4291138418



4283018166



4291725983

Square

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



4283018166



4288714698



4291857541



4287997040

Rectangle

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



4283018166



4285440976



4291857541



4290287979

Sweetspot

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



4283018166



4290963949



4283020884



4284315000



4294440951



4286085240

Same Dimension

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



4283018166



4282572013



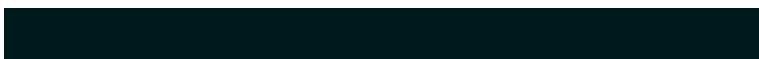
4283004342



4283652956



4278226076



4278196508

Inverse Universe

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



4290136491



4293739228



4290153033



4284240731



4288413836



4280025113

Previews

White Background



This preview shows how the Android color 4283018166 looks on a white background.

Color Contrast Check

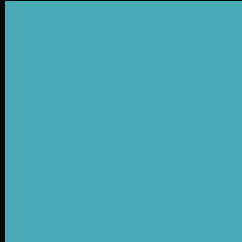
Large Text (above 18pt) WCAG AA × Fail

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 4283018166 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 4283018166 Background



This preview shows how black text looks on a background with the Android color 4283018166.

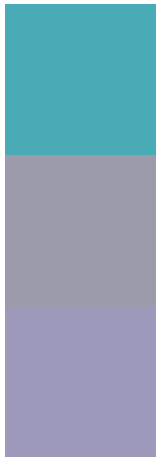


This preview shows how white text looks on a background with the Android color 4283018166.

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
4283018166

Protanopia
4288388012

Deuteranopia
4288518586

Trichromacy



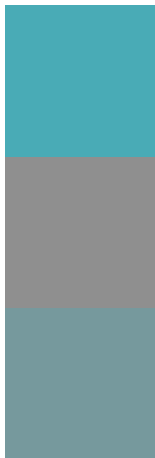
Original Color
4283018166

Protanomaly
4286423472

Deuteranomaly
4286488761

Tritanomaly
4283083703

Monochromacy



Original Color
4283018166

Achromatopsia
4287598479

Achromatomaly
4285962653

CSS Examples

Text

The CSS property to change the color of the text to Android 4283018166 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, 171, 182)` looks like.

```
.text, #text, p{  
    color:rgb(73, 171, 182)  
}
```

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, 171, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 171, 182) }
```

Border

The CSS property to change the border of an element to Android 4283018166 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, 171, 182) }
```

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

```
.border{ border-color:rgb(73, 171, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 171, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 171, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 171, 182);  
box-shadow:4px 4px 4px 4px rgb(73, 171,  
182) }
```

Background

The CSS property to change the background color of an element to Android 4283018166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 171, 182) }
```

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

```
.background{ background-color: rgb(73, 171,  
182) }
```

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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