

Converting Colors

Android(4281187011)

Have a look what the booklet for
Android(4281187011) contains.

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Color

Android(4281187011)

Conversions

Conversions Part 1

Format	Color
Hex	2DBAC3
RGB	45, 186, 195
RGB Percent	18%, 73%, 76%
CMY	0.8235, 0.2706, 0.2353
CMYK	0.77, 0.05, 0.00, 0.24
HSL	184°, 62%, 47%
HSV	184°, 77%, 76%
XYZ	28.4914, 39.6158, 57.7747
YIQ	144.8670, -86.9250, -27.0930

Conversions

Conversions Part 2

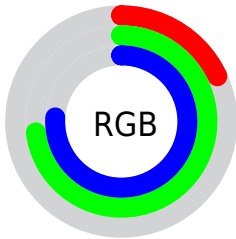
Format	Color
RYB	45, 118, 195
Decimal	2996931
CIELab	69.20, -32.59, -15.03
CIELCh	69, 35.890, 204.754
Yxy	39.6158, 0.2263, 0.3147
Android (android.graphics.Color)	4281187011 (0xFF2DBAC3)
YUV	144.8670, 24.7156, -87.5834
Hunter-Lab	62.9411, -29.3457, -10.3645

Details

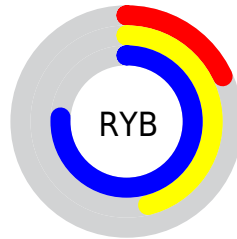
The Android color **4281187011** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **4290983469**, and the grayscale version is **4287730065**.

A 20% lighter version of the original color is **4285854716**, and **4278224013** is the 20% darker color. If you saturate the color by 10%, you get **4279876035**, and if you desaturate by 10%, it is **4282497987**.

Distribution



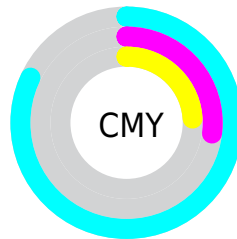
- Red (18%)
- Green (73%)
- Blue (76%)



- Red (18%)
- Yellow (46%)
- Blue (76%)



- Cyan (77%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)




- Cyan (82%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281187011 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 4281187011 by changing the saturation by 10% instead.

 4281187011

 4281187011

4294967295

 4278230952

 4285854716

 4278224013

 4287889407

 4278217588

 4289921023

 4278211163

 4291887103


 4278204996

 4293918719

 4278199597

 4278190362

 4278190080

 4281187011

 4281187011

■ 4279876035

■ 4282497987

■ 4278630595

■ 4283743427

■ 4278237123

■ 4285054659

■ 4286300099

■ 4287611075

■ 4288856515

■ 4290167491

■ 4291412931

■ 4292658627

Harmonies

Analogous

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



4283677346



4281187011



4282169053

Triad

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



4281187011



4291663823



4291077480

Complementary

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



4281187011



4290983469

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.



4292647541



4281187011



4293169328

Square

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



4281187011



4289045476



4293431695



4288917357

Rectangle

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



4281187011



4284461543



4293431695



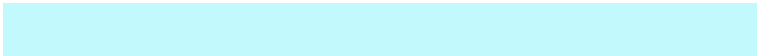
4291666282

Sweetspot

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



4281187011



4290968060



4281189172



4284251520



4278190080



4286611584

Same Dimension

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



4281187011



4279562236



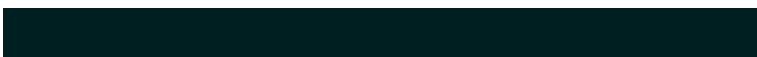
4281168323



4283916385



4278228897



4278198049

Inverse Universe

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



4290981306



4294710511



4291002157



4284569440



4288741527



4280352799

Previews

White Background



This preview shows how the Android color 4281187011 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 4281187011 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 4281187011 Background



This preview shows how black text looks on a background with the Android color 4281187011.



This preview shows how white text looks on a background with the Android color 4281187011.

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

4281187011



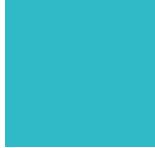
Protanomaly

4286229947



Deuteranomaly

4286295238



Tritanomaly

4281383366

Monochromacy



Original Color

4281187011



Achromatopsia

4287730065



Achromatomaly

4285374627

CSS Examples

Text

The CSS property to change the color of the text to Android 4281187011 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(45, 186, 195)` looks like.

```
.text, #text, p{  
    color:rgb(45, 186, 195)  
}
```

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(45, 186, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 186, 195) }
```

Border

The CSS property to change the border of an element to Android 4281187011 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(45, 186, 195) }
```

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

```
.border{ border-color:rgb(45, 186, 195) }
```

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

Here you see how a box with a 4 pixel rgb(45, 186, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 186, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 186, 195);  
box-shadow:4px 4px 4px 4px rgb(45, 186,  
195) }
```

Background

The CSS property to change the background color of an element to Android 4281187011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 186, 195) }
```

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

```
.background{ background-color: rgb(45, 186,  
195) }
```

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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