

# Converting Colors

Android(4280527814)

Have a look what the booklet for  
Android(4280527814) contains.

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# **Color**

**Android(4280527814)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23ABC6
RGB	35, 171, 198
RGB Percent	14%, 67%, 78%
CMY	0.8627, 0.3294, 0.2235
CMYK	0.82, 0.14, 0.00, 0.22
HSL	190°, 70%, 46%
HSV	190°, 82%, 78%
XYZ	25.4491, 33.5604, 58.5626
YIQ	133.4140, -89.7230, -20.4350

# Conversions

## Conversions Part 2

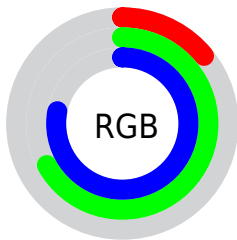
Format	Color
<a href="#">RYB</a>	35, 109, 198
Decimal	2337734
CIELab	64.61, -25.20, -23.66
CIELCh	65, 34.568, 223.197
Yxy	33.5604, 0.2165, 0.2854
Android (android.graphics.Color)	4280527814 (0xFF23ABC6)
YUV	133.4140, 31.8409, -86.3091
Hunter-Lab	57.9313, -22.9651, -19.3842

# Details

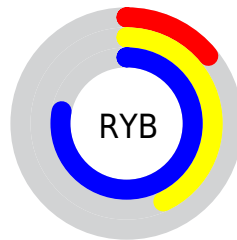
The Android color `4280527814` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle muted azure. A complement of this color would be `4291182115`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4285457407`, and `4278220432` is the 20% darker color. If you saturate the color by 10%, you get `4279216326`, and if you desaturate by 10%, it is `4281839302`.

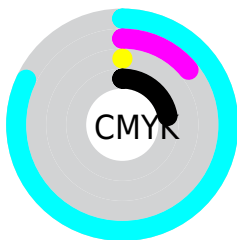
# Distribution



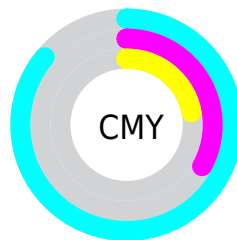
- Red (14%)
- Green (67%)
- Blue (78%)



- Red (14%)
- Yellow (43%)
- Blue (78%)



- Cyan (82%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)



- Cyan (86%)
- Magenta (33%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280527814 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 4280527814 by changing the saturation by 10% instead.



 4280527814

 4280527814

4294967295

 4278227115

 4285457407

 4278220432

 4287496191

 4278214006

 4289527807

 4278207838

 4291493887

 4278202182

 4293525503

 4278197039

 4278190362

 4278190080

 4280527814

 4280527814

■ 4279216326

■ 4281839302

■ 4278232518

■ 4283151046

■ 4284396998

■ 4285708486

■ 4287019974

■ 4288331718

■ 4289643206

■ 4290889158

■ 4292200902

# Harmonies

## Analogous

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



4281445802



4280527814



4283606487

# Triad

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



4280527814



4291725231



4288978784

# Complementary

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



4280527814



4291182115

# 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.



4290811234



4280527814



4292445584

# Square

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



4280527814



4289892554



4292119412



4286687087

# Rectangle

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



4280527814



4285964250



4292119412



4289633374

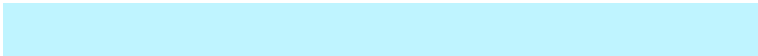


# Sweetspot

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



4280527814



4290770175



4280534587



4284053888



4278190080



4286611584

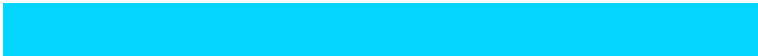


# Same Dimension

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



4280527814



4278441471



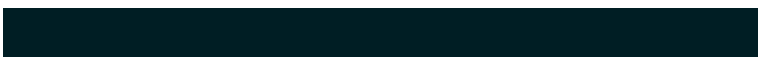
4280507590



4284113507



4278225059



4278197796



# Inverse Universe

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



4291175339



4294902741



4291202339



4284701282



4288872584



4280549406



# Previews

## White Background



This preview shows how the Android color 4280527814 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 4280527814 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 4280527814 Background



This preview shows how black text looks on a background with the Android color 4280527814.



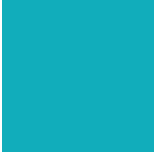
This preview shows how white text looks on a background with the Android color 4280527814.

# 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





**Tritanopia**  
4279348667

# Trichromacy



**Original Color**  
4280527814



**Protanomaly**  
4285309118



**Deuteranomaly**  
4285178057



**Tritanomaly**  
4279807167

# Monochromacy



**Original Color**  
4280527814



**Achromatopsia**  
4286940549



**Achromatomaly**  
4284584861

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280527814 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(35, 171, 198)` looks like.

```
.text, #text, p{  
    color:rgb(35, 171, 198)  
}
```

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(35, 171, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 171, 198) }
```

## Border

The CSS property to change the border of an element to Android 4280527814 is called "border". The border property can be set on classes, ids or directly on the HTML element.

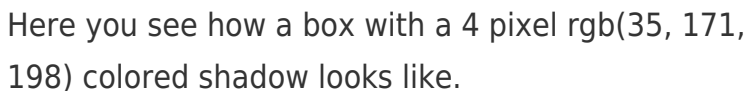
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(35, 171, 198) }
```

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

```
.border{ border-color:rgb(35, 171, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(35, 171, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 171, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 171, 198);  
box-shadow:4px 4px 4px 4px rgb(35, 171,  
198) }
```

# Background

The CSS property to change the background color of an element to Android 4280527814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 171, 198) }
```

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

```
.background{ background-color: rgb(35, 171,  
198) }
```

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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