

# Converting Colors

Android(4280662187)

Have a look what the booklet for  
Android(4280662187) contains.

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**Color**

**Android(4280662187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25B8AB
RGB	37, 184, 171
RGB Percent	15%, 72%, 67%
CMY	0.8549, 0.2784, 0.3294
CMYK	0.80, 0.00, 0.07, 0.28
HSL	175°, 67%, 43%
HSV	175°, 80%, 72%
XYZ	25.2541, 37.6146, 44.4574
YIQ	138.5650, -83.4390, -35.2070

# Conversions

## Conversions Part 2

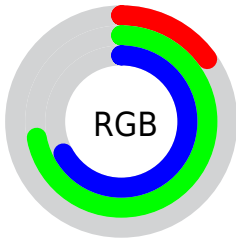
Format	Color
<a href="#">RYB</a>	<a href="#">37, 114, 184</a>
Decimal	<a href="#">2472107</a>
CIELab	<a href="#">67.74, -39.49, -4.00</a>
CIELCh	<a href="#">68, 39.690, 185.788</a>
Yxy	<a href="#">37.6146, 0.2353, 0.3505</a>
Android (android.graphics.Color)	<a href="#">4280662187</a> ( <a href="#">0xFF25B8AB</a> )
YUV	<a href="#">138.5650, 15.9905, -89.0725</a>
Hunter-Lab	<a href="#">61.3307, -33.8279, -0.0466</a>

# Details

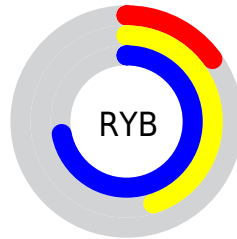
The Android color `4280662187` is a dark color, and the websafe version is hex `33CCCC`. A complement of this color would be `4290258226`, and the grayscale version is `4287269514`.

A 20% lighter version of the original color is `4285460962`, and `4278223479` is the 20% darker color. If you saturate the color by 10%, you get `4279482537`, and if you desaturate by 10%, it is `4281841837`.

# Distribution



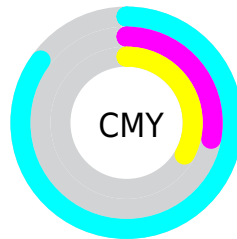
- Red (15%)
- Green (72%)
- Blue (67%)



- Red (15%)
- Yellow (45%)
- Blue (72%)



- Cyan (80%)
- Magenta (0%)
- Yellow (7%)
- Black (28%)



- Cyan (85%)
- Magenta (28%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280662187 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 4280662187 by changing the saturation by 10% instead.





4280662187



4280662187

4294967295



4278230417



4285460962



4278223479



4287430655



4278216798



4289462271



4278210375



4291428351



4278204208



4293394431



4278199068



4278190080



4280662187



4280662187



4279482537



4281841837

■ 4278237352

■ 4283087022

■ 4284266672

■ 4285511858

■ 4286691507

■ 4287871157

■ 4289116342

■ 4290295992

■ 4291541178

# Harmonies

## Analogous

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



4284659334



4280662187



4278236878

# Triad

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



4280662187



4289894879



4292122980

# Complementary

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



4280662187



4290258226

# 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.



4293365117



4280662187



4292382147

# Square

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



4280662187



4286293740



4293495199



4290094429

# Rectangle

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



4280662187



4278432735



4293495199



4292646251



# Sweetspot

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



4280662187



4290179307



4281645093



4283791477



4294440951



4286085240



# Same Dimension

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



4280662187



4278907099



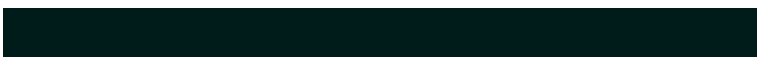
4280647096



4283653211



4278230158



4278197274



# Inverse Universe

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



4290258226



4293921310



4290273317



4284240723



4288413710

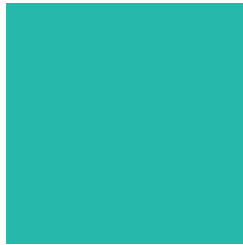


4280025090



# Previews

## White Background



This preview shows how the Android color 4280662187 looks on a white background.

## Color Contrast Check

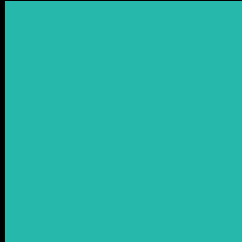
Large Text (above 18pt) WCAG AA × Fail

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 4280662187 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

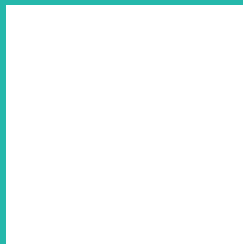
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280662187 Background



This preview shows how black text looks on a background with the Android color 4280662187.

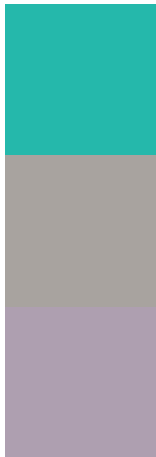


This preview shows how white text looks on a background with the Android color 4280662187.

# 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**  
4280662187

**Protanopia**  
4289242015

**Deuteranopia**  
4289634224



# Trichromacy



**Original Color**

4280662187



**Protanomaly**

4286098339



**Deuteranomaly**

4286359726



**Tritanomaly**

4281382330

# Monochromacy



**Original Color**

4280662187



**Achromatopsia**

4287335307



**Achromatomaly**

4284914583

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280662187 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(37, 184, 171)` looks like.

```
.text, #text, p{  
    color:rgb(37, 184, 171)  
}
```

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(37, 184, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 184, 171) }
```

## Border

The CSS property to change the border of an element to Android 4280662187 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(37, 184, 171) }
```

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

```
.border{ border-color:rgb(37, 184, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 184, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 184, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 184, 171);  
box-shadow:4px 4px 4px 4px rgb(37, 184,  
171) }
```

# Background

The CSS property to change the background color of an element to Android 4280662187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 184, 171) }
```

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

```
.background{ background-color: rgb(37, 184,  
171) }
```

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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