

# Converting Colors

Android(4280594617)

Have a look what the booklet for  
Android(4280594617) contains.

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# **Color**

**Android(4280594617)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24B0B9
RGB	36, 176, 185
RGB Percent	14%, 69%, 73%
CMY	0.8588, 0.3098, 0.2745
CMYK	0.81, 0.05, 0.00, 0.27
HSL	184°, 67%, 43%
HSV	184°, 81%, 73%
XYZ	25.0098, 34.9285, 51.3227
YIQ	135.1660, -86.3290, -26.8810

# Conversions

## Conversions Part 2

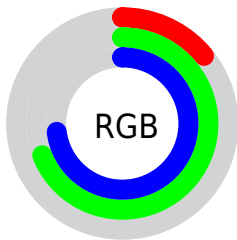
Format	Color
R <sub>Y</sub> B	36, 108, 185
Decimal	2404537
CIE Lab	65.69, -31.72, -14.80
CIE LCh	66, 35.006, 205.009
Yxy	34.9285, 0.2248, 0.3139
Android (android.graphics.Color)	4280594617 (0xFF24B0B9)
YUV	135.1660, 24.5682, -86.9686
Hunter-Lab	59.1004, -27.8887, -10.1171

# Details

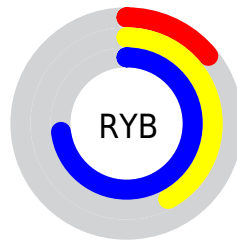
The Android color `4280594617` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4290325796`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4285393137`, and `4278221700` is the 20% darker color. If you saturate the color by 10%, you get `4279414713`, and if you desaturate by 10%, it is `4281840057`.

# Distribution



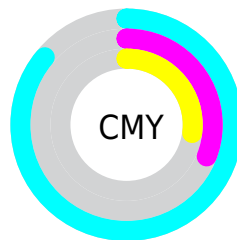
- Red (14%)
- Green (69%)
- Blue (73%)



- Red (14%)
- Yellow (42%)
- Blue (73%)



- Cyan (81%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)



- Cyan (86%)
- Magenta (31%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280594617 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 4280594617 by changing the saturation by 10% instead.





4280594617



4280594617

4294967295



4278228382



4285393137



4278221700



4287430655



4278215275



4289462271



4278208851



4291428351



4278202940



4293394431



4278197542



4278190353



4278190080



4280594617



4280594617

■ 4279414713

■ 4281840057

■ 4278234809

■ 4283019961

■ 4284265401

■ 4285445305

■ 4286691001

■ 4287870905

■ 4289116345

■ 4290296249

■ 4291541689

# Harmonies

## Analogous

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



4283216025



4280594617



4281642194

# Triad

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



4280594617



4290940612



4290354273

# Complementary

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



4280594617



4290325796

# 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.



4291924333



4280594617



4292380838

# Square

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



4280594617



4288453080



4292708743



4288259686

# Rectangle

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



4280594617



4283934684



4292708743



4290943075



# Sweetspot

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



4280594617



4290178288



4280596779



4283790968



4294440951



4286085240



# Same Dimension

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



4280594617



4278706928



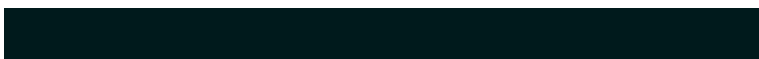
4280575929



4283652956



4278227612



4278196764



# Inverse Universe

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



4290323632



4293920738



4290344484



4284240731



4288413842



4280025114



# Previews

## White Background



This preview shows how the Android color 4280594617 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 4280594617 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

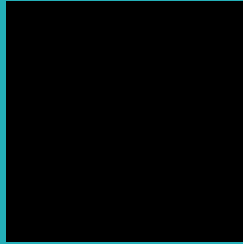
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4280594617 Background



This preview shows how black text looks on a background with the Android color 4280594617.



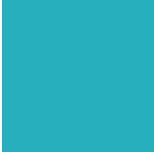
This preview shows how white text looks on a background with the Android color 4280594617.

# 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**  
4280856510

# Trichromacy



**Original Color**

4280594617



**Protanomaly**

4285637809



**Deuteranomaly**

4285703100



**Tritanomaly**

4280790972

# Monochromacy



**Original Color**

4280594617



**Achromatopsia**

4287072135



**Achromatomaly**

4284716697

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280594617 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(36, 176, 185)` looks like.

```
.text, #text, p{  
    color:rgb(36, 176, 185)  
}
```

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(36, 176, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 176, 185) }
```

## Border

The CSS property to change the border of an element to Android 4280594617 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(36, 176, 185) }
```

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

```
.border{ border-color:rgb(36, 176, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 176, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 176, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 176, 185);  
box-shadow:4px 4px 4px 4px rgb(36, 176,  
185) }
```

# Background

The CSS property to change the background color of an element to Android 4280594617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 176, 185) }
```

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

```
.background{ background-color: rgb(36, 176,  
185) }
```

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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