

# Converting Colors

Android(4280592075)

Have a look what the booklet for  
Android(4280592075) contains.

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# **Color**

**Android(4280592075)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24A6CB
RGB	36, 166, 203
RGB Percent	14%, 65%, 80%
CMY	0.8588, 0.3490, 0.2039
CMYK	0.82, 0.18, 0.00, 0.20
HSL	193°, 70%, 47%
HSV	193°, 82%, 80%
XYZ	25.1433, 31.9593, 61.3435
YIQ	131.3480, -89.3570, -16.0530

# Conversions

## Conversions Part 2

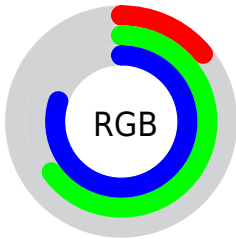
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 109, 203
Decimal	2401995
CIELab	63.31, -20.88, -28.44
CIELCh	63, 35.285, 233.718
Yxy	31.9593, 0.2123, 0.2698
Android (android.graphics.Color)	4280592075 (0xFF24A6CB)
YUV	131.3480, 35.3244, -83.6202
Hunter-Lab	56.5326, -19.5428, -24.7628

# Details

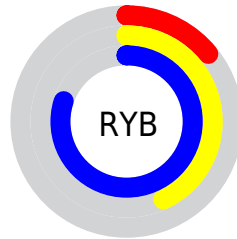
The Android color `4280592075` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle muted azure. A complement of this color would be `4291512612`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4285521407`, and `4278219413` is the 20% darker color. If you saturate the color by 10%, you get `4279280331`, and if you desaturate by 10%, it is `4281903819`.

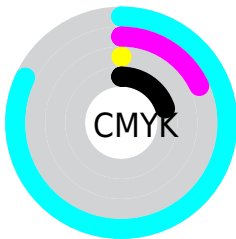
# Distribution



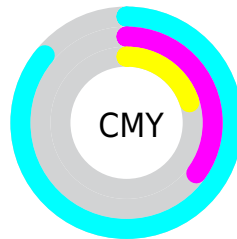
- Red (14%)
- Green (65%)
- Blue (80%)



- Red (14%)
- Yellow (43%)
- Blue (80%)



- Cyan (82%)
- Magenta (18%)
- Yellow (0%)
- Black (20%)



- Cyan (86%)
- Magenta (35%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280592075 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 4280592075 by changing the saturation by 10% instead.





4280592075



4280592075

4294967295



4278226095



4285521407



4278219413



4287560447



4278212987



4289593343



4278207074



4291559423



4278201162



4293591039



4278195763



4278190622



4278190080



4280592075



4280592075

■ 4279280331

■ 4281903819

■ 4278230731

■ 4283281355

■ 4284593099

■ 4285905099

■ 4287282379

■ 4288594379

■ 4289906123

■ 4291218123

■ 4292595403

# Harmonies

## Analogous

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



4279413425



4280592075



4284522199

# Triad

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



4280592075



4291920289



4287930207

# Complementary

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



4280592075



4291512612

# 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.



4290024795



4280592075



4292248194

# Square

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



4280592075



4290480319



4291529320



4285572723

# Rectangle

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



4280592075



4286814166



4291529320



4288715867

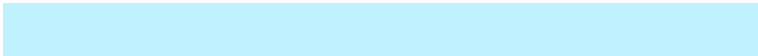


# Sweetspot

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



4280592075



4290769407



4280601416



4284053376



4278190080



4286611584

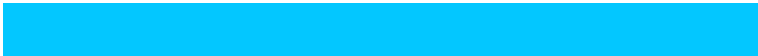


# Same Dimension

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



4280592075



4278437887



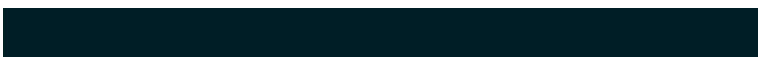
4280570827



4284245094



4278223270



4278197798



# Inverse Universe

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



4291503270



4294902727



4291533860



4284898404



4289069185



4280680478



# Previews

## White Background



This preview shows how the Android color 4280592075 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 4280592075 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

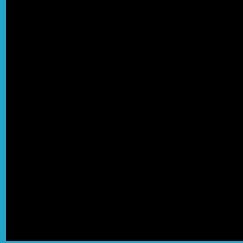
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4280592075 Background



This preview shows how black text looks on a background with the Android color 4280592075.



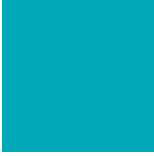
This preview shows how white text looks on a background with the Android color 4280592075.

# 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**

4280592075



**Protanomaly**

4284980420



**Deuteranomaly**

4284783822



**Tritanomaly**

4279085246

# Monochromacy



**Original Color**

4280592075



**Achromatopsia**

4286808963



**Achromatomaly**

4284518557

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280592075 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, 166, 203)` looks like.

```
.text, #text, p{  
    color:rgb(36, 166, 203)  
}
```

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, 166, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 166, 203) }
```

## Border

The CSS property to change the border of an element to Android 4280592075 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, 166, 203) }
```

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

```
.border{ border-color:rgb(36, 166, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 166, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 166, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 166, 203);  
box-shadow:4px 4px 4px 4px rgb(36, 166,  
203) }
```

# Background

The CSS property to change the background color of an element to Android 4280592075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 166, 203) }
```

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

```
.background{ background-color: rgb(36, 166,  
203) }
```

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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