

# Converting Colors

Android(4280989655)

Have a look what the booklet for  
Android(4280989655) contains.

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# **Color**

**Android(4280989655)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2AB7D7
RGB	42, 183, 215
RGB Percent	16%, 72%, 84%
CMY	0.8353, 0.2824, 0.1569
CMYK	0.80, 0.15, 0.00, 0.16
HSL	191°, 68%, 50%
HSV	191°, 80%, 84%
XYZ	30.1541, 39.2655, 70.2797
YIQ	144.4890, -94.3080, -19.9400

# Conversions

## Conversions Part 2

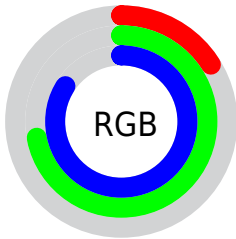
Format	Color
R <sub>Y</sub> B	42, 120, 215
Decimal	2799575
CIE Lab	68.94, -25.12, -26.39
CIE LCh	69, 36.434, 226.412
Yxy	39.2655, 0.2158, 0.2811
Android (android.graphics.Color)	4280989655 (0xFF2AB7D7)
YUV	144.4890, 34.7619, -89.8829
Hunter-Lab	62.6622, -23.7617, -22.6340

# Details

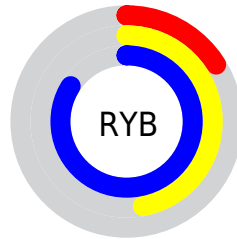
The Android color `4280989655` is a dark color, and the websafe version is hex `00CCFF`. The color can be described as middle washed azure. A complement of this color would be `4292299306`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4285919231`, and `4278223520` is the 20% darker color. If you saturate the color by 10%, you get `4279546839`, and if you desaturate by 10%, it is `4282366935`.

# Distribution



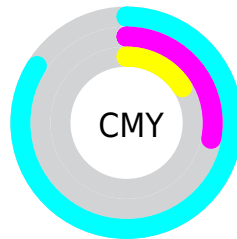
- Red (16%)
- Green (72%)
- Blue (84%)



- Red (16%)
- Yellow (47%)
- Blue (84%)



- Cyan (80%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (28%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280989655 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 4280989655 by changing the saturation by 10% instead.



 4280989655

 4280989655

4294967295

 4278230203

 4285919231

 4278223520

 4288020479

 4278216838

 4290052095

 4278210668

 4292018175

 4278204756

 4294049791

 4278199357

 4278190887

 4278190353

 4278190080

■ 4280989655

■ 4280989655

■ 4279546839

■ 4282366935

■ 4278235095

■ 4283809751

■ 4285187031

■ 4286629847

■ 4288007127

■ 4289449943

■ 4290892759

■ 4292270039

■ 4293712855

# Harmonies

## Analogous

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



4281449146



4280989655



4284461288

# Triad

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



4280989655



4292841657



4289506408

# Complementary

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



4280989655



4292299306

# 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.



4291535208



4280989655



4293496727

# Square

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



4280989655



4291008982



4292974202



4287083642

# Rectangle

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



4280989655



4286949865



4292974202



4290226534

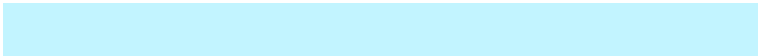


# Sweetspot

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



4280989655



4290966783



4280997706



4284184960



4278190080



4286611584

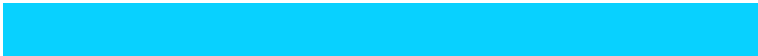


# Same Dimension

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



4280989655



4278768127



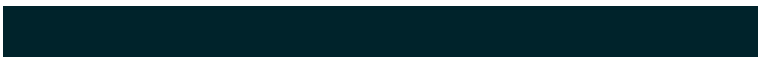
4280967639



4284508523



4278225835



4278199083



# Inverse Universe

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



4292291255



4294904017



4292321322



4285227113



4289396875

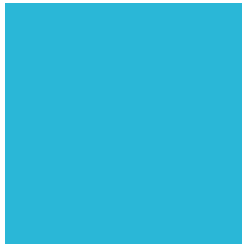


4281008163



# Previews

## White Background



This preview shows how the Android color 4280989655 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 4280989655 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 4280989655 Background



This preview shows how black text looks on a background with the Android color 4280989655.



This preview shows how white text looks on a background with the Android color 4280989655.

# 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

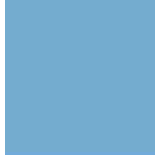




# Trichromacy



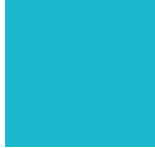
**Original Color**  
4280989655



**Protanomaly**  
4285836495



**Deuteranomaly**  
4285705178



**Tritanomaly**  
4280137934

# Monochromacy



**Original Color**  
4280989655



**Achromatopsia**  
4287664272



**Achromatomaly**  
4285243050

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280989655 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(42, 183, 215)` looks like.

```
.text, #text, p{  
    color:rgb(42, 183, 215)  
}
```

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(42, 183, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 183, 215) }
```

## Border

The CSS property to change the border of an element to Android 4280989655 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(42, 183, 215) }
```

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

```
.border{ border-color:rgb(42, 183, 215) }
```

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

Here you see how a box with a 4 pixel rgb(42, 183, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 183, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 183, 215);  
box-shadow:4px 4px 4px 4px rgb(42, 183,  
215) }
```

# Background

The CSS property to change the background color of an element to Android 4280989655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 183, 215) }
```

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

```
.background{ background-color: rgb(42, 183,  
215) }
```

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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