

Converting Colors

Android(4280855767)

Have a look what the booklet for
Android(4280855767) contains.

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Color

Android(4280855767)

Conversions

Conversions Part 1

Format	Color
Hex	28ACD7
RGB	40, 172, 215
RGB Percent	16%, 67%, 84%
CMY	0.8431, 0.3255, 0.1569
CMYK	0.81, 0.20, 0.00, 0.16
HSL	195°, 69%, 50%
HSV	195°, 81%, 84%
XYZ	27.8933, 34.8625, 69.5490
YIQ	137.4340, -92.4750, -14.6110

Conversions

Conversions Part 2

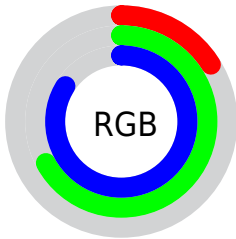
Format	Color
R_{YB}	40, 115, 215
Decimal	2665687
CIE _{Lab}	65.64, -19.63, -31.48
CIE _{LCh}	66, 37.102, 238.051
Yxy	34.8625, 0.2108, 0.2635
Android (android.graphics.Color)	4280855767 (0xFF28ACD7)
YUV	137.4340, 38.2400, -85.4496
Hunter-Lab	59.0444, -19.0021, -28.5071

Details

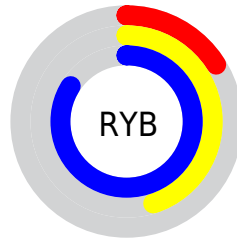
The Android color `4280855767` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle washed azure. A complement of this color would be `4292301608`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4285785087`, and `4278220960` is the 20% darker color. If you saturate the color by 10%, you get `4279478231`, and if you desaturate by 10%, it is `4282298839`.

Distribution



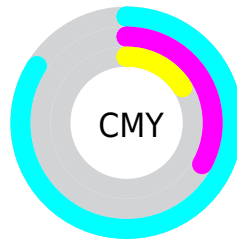
- Red (16%)
- Green (67%)
- Blue (84%)



- Red (16%)
- Yellow (45%)
- Blue (84%)



- Cyan (81%)
- Magenta (20%)
- Yellow (0%)
- Black (16%)



















- Cyan (84%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280855767 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 4280855767 by changing the saturation by 10% instead.

 4280855767	 4280855767
4294967295	 4278227387
 4285785087	 4278220960
 4287889407	 4278214534
 4289921023	 4278208364
 4291887103	 4278202452
 4293918719	 4278197564
	 4278190886
	 4278190351
	 4278190080

■ 4280855767

■ 4280855767

■ 4279478231

■ 4282298839

■ 4278231767

■ 4283676631

■ 4285119703

■ 4286497239

■ 4287940311

■ 4289318103

■ 4290761175

■ 4292138711

■ 4293582039

Harmonies

Analogous

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



4278235326



4280855767



4285178849

Triad

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



4280855767



4292708003



4287997795

Complementary

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



4280855767



4292301608

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.



4290223452



4280855767



4292839554

Square

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



4280855767



4291267779



4291924328



4285378171

Rectangle

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



4280855767



4287601886



4291924328



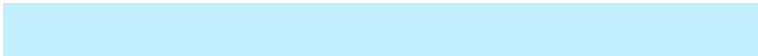
4288783455

Sweetspot

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



4280855767



4290965759



4280866641



4284184192



4278190080



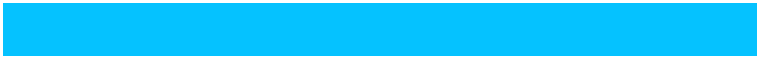
4286611584

Same Dimension

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



4280855767



4278567679



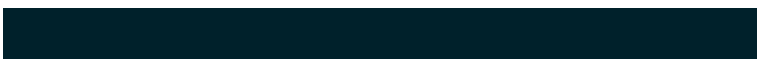
4280834007



4284508267



4278223275



4278198571

Inverse Universe

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



4292290732



4294903234



4292323368



4285227112



4289396865



4281008161

Previews

White Background



This preview shows how the Android color 4280855767 looks on a white background.

Color Contrast Check

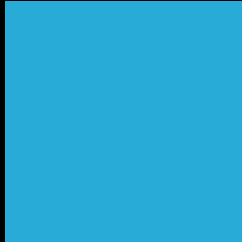
Large Text (above 18pt) WCAG AA × Fail

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 4280855767 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 4280855767 Background



This preview shows how black text looks on a background with the Android color 4280855767.



This preview shows how white text looks on a background with the Android color 4280855767.

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

4280855767



Protanomaly

4285244111



Deuteranomaly

4284981978



Tritanomaly

4279218119

Monochromacy



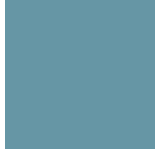
Original Color

4280855767



Achromatopsia

4287203721



Achromatomaly

4284913317

CSS Examples

Text

The CSS property to change the color of the text to Android 4280855767 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(40, 172, 215)` looks like.

```
.text, #text, p{  
    color:rgb(40, 172, 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(40, 172, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 172, 215) }
```

Border

The CSS property to change the border of an element to Android 4280855767 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(40, 172, 215) }
```

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

```
.border{ border-color:rgb(40, 172, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 172, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 172, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 172, 215);  
box-shadow:4px 4px 4px 4px rgb(40, 172,  
215) }
```

Background

The CSS property to change the background color of an element to Android 4280855767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 172, 215) }
```

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

```
.background{ background-color: rgb(40, 172,  
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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