

Converting Colors

Android(4280601563)

Have a look what the booklet for
Android(4280601563) contains.

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Color

Android(4280601563)

Conversions

Conversions Part 1

Format	Color
Hex	24CBDB
RGB	36, 203, 219
RGB Percent	14%, 80%, 86%
CMY	0.8588, 0.2039, 0.1412
CMYK	0.84, 0.07, 0.00, 0.14
HSL	185°, 72%, 50%
HSV	185°, 84%, 86%
XYZ	34.8697, 48.2014, 74.4838
YIQ	154.8910, -104.6680, -30.4280

Conversions

Conversions Part 2

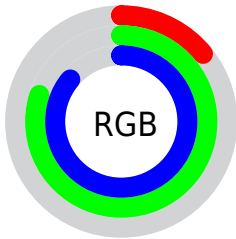
Format	Color
RYB	36, 123, 219
Decimal	2411483
CIELab	74.95, -34.10, -19.41
CIELCh	75, 39.234, 209.651
Yxy	48.2014, 0.2213, 0.3059
Android (android.graphics.Color)	4280601563 (0xFF24CBDB)
YUV	154.8910, 31.6057, -104.2674
Hunter-Lab	69.4272, -31.8464, -15.0092

Details

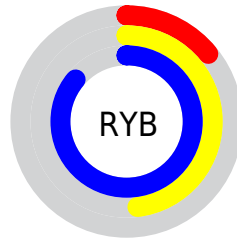
The Android color **4280601563** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **4292555812**, and the grayscale version is **4288387995**.

A 20% lighter version of the original color is **4285923327**, and **4278228132** is the 20% darker color. If you saturate the color by 10%, you get **4279159259**, and if you desaturate by 10%, it is **4282043867**.

Distribution



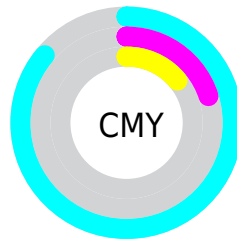
- Red (14%)
- Green (80%)
- Blue (86%)



- Red (14%)
- Yellow (48%)
- Blue (86%)



- Cyan (84%)
- Magenta (7%)
- Yellow (0%)
- Black (14%)



- Cyan (86%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280601563 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 4280601563 by changing the saturation by 10% instead.

 4280601563

 4280601563

4294967295

 4278235071

 4285923327

 4278228132

 4288086015

 4278221450

 4290117631

 4278215024

 4292214783

 4278208600

 4294246399

 4278202688

 4278197034

 4278190358

 4278190080

■ 4280601563

■ 4280601563

■ 4279159259

■ 4282043867

■ 4278241499

■ 4283486171

■ 4284928475

■ 4286370779

■ 4287813083

■ 4289189595

■ 4290631899

■ 4292074203

■ 4293516507

Harmonies

Analogous

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



4283485367



4280601563



4282762998

Triad

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



4280601563



4293305310



4291933808

Complementary

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



4280601563



4292555812

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.



4293831291



4280601563



4294745530

Square

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



4280601563



4290555895



4294877079



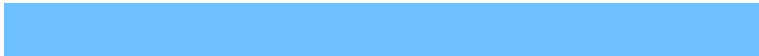
4289446264

Rectangle

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



4280601563



4285513983



4294877079



4292653681

Sweetspot

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



4280601563



4290771455



4280605491



4284054656



4278190080



4286611584

Same Dimension

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



4280601563



4278249983



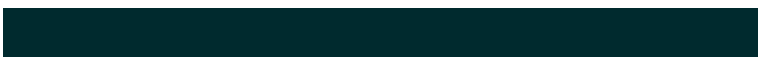
4280578267



4284706158



4278230701



4278200878

Inverse Universe

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



4292551883



4294901993



4292579108



4285424493



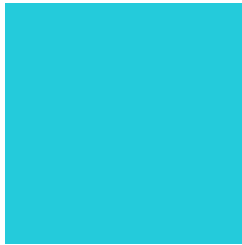
4289527966



4281204778

Previews

White Background



This preview shows how the Android color 4280601563 looks on a white background.

Color Contrast Check

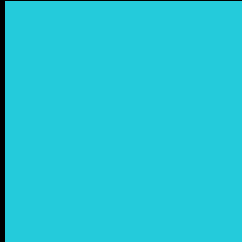
Large Text (above 18pt) WCAG AA × Fail

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 4280601563 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 4280601563 Background



This preview shows how black text looks on a background with the Android color 4280601563.



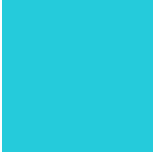
This preview shows how white text looks on a background with the Android color 4280601563.

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





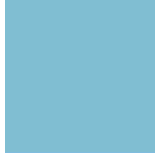
Tritanopia
4280667099

Trichromacy



Original Color

4280601563



Protanomaly

4286627538



Deuteranomaly

4286627038



Tritanomaly

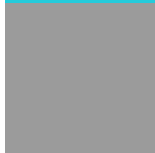
4280667099

Monochromacy



Original Color

4280601563



Achromatopsia

4288387995



Achromatomaly

4285574322

CSS Examples

Text

The CSS property to change the color of the text to Android 4280601563 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, 203, 219)` looks like.

```
.text, #text, p{  
    color:rgb(36, 203, 219)  
}
```

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, 203, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 203, 219) }
```

Border

The CSS property to change the border of an element to Android 4280601563 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, 203, 219) }
```

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

```
.border{ border-color:rgb(36, 203, 219) }
```

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

Here you see how a box with a 4 pixel rgb(36, 203, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(36, 203,  
219) }
```

Background

The CSS property to change the background color of an element to Android 4280601563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 203, 219) }
```

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

```
.background{ background-color: rgb(36, 203,  
219) }
```

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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