

Converting Colors

Android(4280593627)

Have a look what the booklet for
Android(4280593627) contains.

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Color

Android(4280593627)

Conversions

Conversions Part 1

Format	Color
Hex	24ACDB
RGB	36, 172, 219
RGB Percent	14%, 67%, 86%
CMY	0.8588, 0.3255, 0.1412
CMYK	0.84, 0.21, 0.00, 0.14
HSL	195°, 72%, 50%
HSV	195°, 84%, 86%
XYZ	28.2663, 34.9946, 72.2827
YIQ	136.6940, -96.1430, -14.2150

Conversions

Conversions Part 2

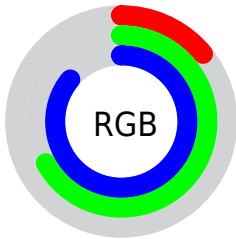
Format	Color
RYB	36, 114, 219
Decimal	2403547
CIELab	65.74, -18.60, -33.53
CIELCh	66, 38.346, 240.979
Yxy	34.9946, 0.2085, 0.2582
Android (android.graphics.Color)	4280593627 (0xFF24ACDB)
YUV	136.6940, 40.5769, -88.3086
Hunter-Lab	59.1562, -18.2318, -31.0368

Details

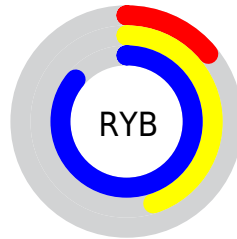
The Android color `4280593627` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle washed azure. A complement of this color would be `4292563748`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4285719551`, and `4278220964` is the 20% darker color. If you saturate the color by 10%, you get `4279150299`, and if you desaturate by 10%, it is `4282036955`.

Distribution



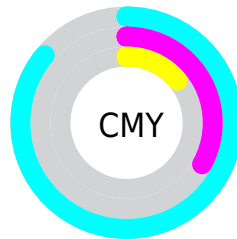
- Red (14%)
- Green (67%)
- Blue (86%)



- Red (14%)
- Yellow (45%)
- Blue (86%)



- Cyan (84%)
- Magenta (21%)
- Yellow (0%)
- Black (14%)



- Cyan (86%)
- Magenta (33%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280593627 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 4280593627 by changing the saturation by 10% instead.

 4280593627

 4280593627

4294967295

 4278227391

 4285719551

 4278220964

 4287823871

 4278214537

 4289855487

 4278208368

 4291887103

 4278202711

 4293918719

 4278197567

 4278190889

 4278190355

 4278190080

■ 4280593627

■ 4280593627

■ 4279150299

■ 4282036955

■ 4278232027

■ 4283480027

■ 4284923355

■ 4286366427

■ 4287809755

■ 4289187547

■ 4290630619

■ 4292073947

■ 4293517275

Harmonies

Analogous

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



4278235586



4280593627



4285440996

Triad

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



4280593627



4292904352



4287735907

Complementary

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



4280593627



4292563748

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.



4290092634



4280593627



4292970622

Square

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



4280593627



4291594946



4291924580



4284985213

Rectangle

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



4280593627



4287929312



4291924580



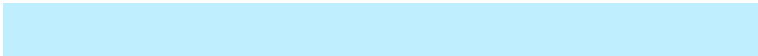
4288587102

Sweetspot

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



4280593627



4290768895



4280605522



4284053120



4278190080



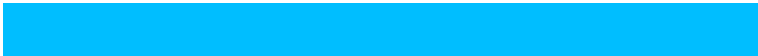
4286611584

Same Dimension

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



4280593627



4278238975



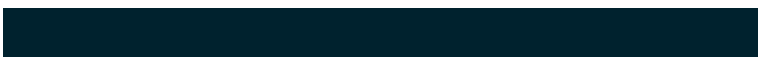
4280570587



4284705646



4278223277



4278198830

Inverse Universe

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



4292551852



4294901950



4292586788



4285424491



4289527937



4281204770

Previews

White Background



This preview shows how the Android color 4280593627 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 4280593627 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 4280593627 Background



This preview shows how black text looks on a background with the Android color 4280593627.



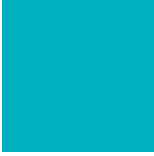
This preview shows how white text looks on a background with the Android color 4280593627.

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
4278235326

Trichromacy



Original Color
4280593627



Protanomaly
4285113043



Deuteranomaly
4284785374



Tritanomaly
4279087049

Monochromacy



Original Color
4280593627



Achromatopsia
4287203721



Achromatomaly
4284782247

CSS Examples

Text

The CSS property to change the color of the text to Android 4280593627 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, 172, 219)` looks like.

```
.text, #text, p{  
    color:rgb(36, 172, 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, 172, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 172, 219) }
```

Border

The CSS property to change the border of an element to Android 4280593627 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, 172, 219) }
```

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

```
.border{ border-color:rgb(36, 172, 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, 172, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 172, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 172, 219);  
box-shadow:4px 4px 4px 4px rgb(36, 172,  
219) }
```

Background

The CSS property to change the background color of an element to Android 4280593627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 172, 219) }
```

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

```
.background{ background-color: rgb(36, 172,  
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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