

Converting Colors

Android(4283027177)

Have a look what the booklet for
Android(4283027177) contains.

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Color

Android(4283027177)

Conversions

Conversions Part 1

Format	Color
Hex	49CEE9
RGB	73, 206, 233
RGB Percent	29%, 81%, 91%
CMY	0.7137, 0.1922, 0.0863
CMYK	0.69, 0.12, 0.00, 0.09
HSL	190°, 78%, 60%
HSV	190°, 69%, 91%
XYZ	39.5269, 51.4423, 84.9369
YIQ	169.3110, -87.9350, -19.7990

Conversions

Conversions Part 2

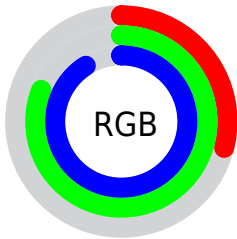
Format	Color
RYB	73, 146, 233
Decimal	4837097
CIELab	76.95, -27.42, -23.86
CIElCh	77, 36.345, 221.027
Yxy	51.4423, 0.2247, 0.2924
Android (android.graphics.Color)	4283027177 (0xFF49CEE9)
YUV	169.3110, 31.3987, -84.4647
Hunter-Lab	71.7233, -27.1438, -20.0067

Details

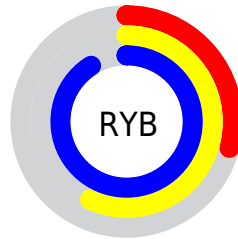
The Android color `4283027177` is a light color, and the websafe version is hex `00CCFF`. The color can be described as light muted cyan. A complement of this color would be `4293485641`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4287430655`, and `4278228913` is the 20% darker color. If you saturate the color by 10%, you get `4281518825`, and if you desaturate by 10%, it is `4284535529`.

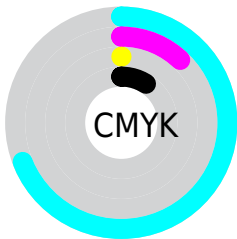
Distribution



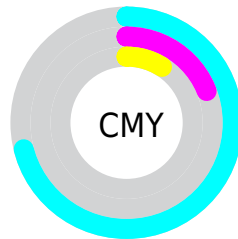
- Red (29%)
- Green (81%)
- Blue (91%)



- Red (29%)
- Yellow (57%)
- Blue (91%)



- Cyan (69%)
- Magenta (12%)
- Yellow (0%)
- Black (9%)



- Cyan (71%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283027177 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 4283027177 by changing the saturation by 10% instead.

 4283027177

 4283027177

4294967295

 4279808717

 4287430655

 4278228913

 4289462271

 4278222231

 4291493887

 4278215805

 4293525503

 4278209636

 4278203468

 4278198581

 4278190624

 4278190083

■ 4283027177

■ 4283027177

■ 4281518825

■ 4284535529

■ 4279944937

■ 4286109417

■ 4278436585

■ 4287617769

■ 4278239977

■ 4289126121

■ 4290700009

■ 4292208361

■ 4293716713

■ 4294962665

■ 4294963689

Harmonies

Analogous

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



4283814090



4283027177



4285450237

Triad

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



4283027177



4294092757



4291412091

Complementary

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



4283027177



4293485641

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.



4293375359



4283027177



4294943923

Square

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



4283027177



4291998193



4294748819



4288924042

Rectangle

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



4283027177



4287807999



4294748819



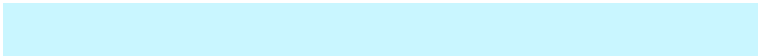
4292131962

Sweetspot

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



4283027177



4291426047



4283033956



4284512896



4278190080



4286611584

Same Dimension

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



4283027177



4281261311



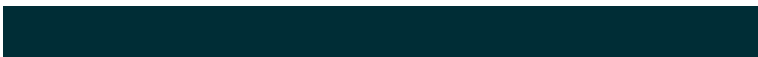
4283006697



4285166453



4278228661



4278201654

Inverse Universe

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



4293478862



4294913756



4293506121



4285885043



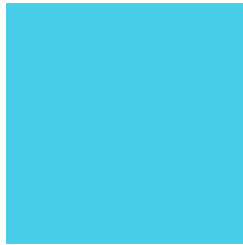
4290052246



4281729069

Previews

White Background



This preview shows how the Android color 4283027177 looks on a white background.

Color Contrast Check

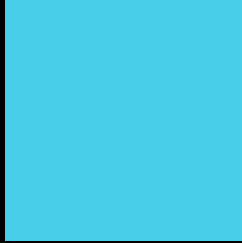
Large Text (above 18pt) WCAG AA × Fail

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 4283027177 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 4283027177 Background



This preview shows how black text looks on a background with the Android color 4283027177.



This preview shows how white text looks on a background with the Android color 4283027177.

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

4283027177



Protanomaly

4287546081



Deuteranomaly

4287545836



Tritanomaly

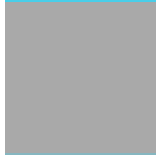
4282830819

Monochromacy



Original Color

4283027177



Achromatopsia

4289309097



Achromatomaly

4287018688

CSS Examples

Text

The CSS property to change the color of the text to Android 4283027177 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(73, 206, 233)` looks like.

```
.text, #text, p{  
    color:rgb(73, 206, 233)  
}
```

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(73, 206, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 206, 233) }
```

Border

The CSS property to change the border of an element to Android 4283027177 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(73, 206, 233) }
```

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

```
.border{ border-color:rgb(73, 206, 233) }
```

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

Here you see how a box with a 4 pixel rgb(73, 206, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 206, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 206, 233);  
box-shadow:4px 4px 4px 4px rgb(73, 206,  
233) }
```

Background

The CSS property to change the background color of an element to Android 4283027177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 206, 233) }
```

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

```
.background{ background-color: rgb(73, 206,  
233) }
```

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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