

Converting Colors

Android(4283027945)

Have a look what the booklet for
Android(4283027945) contains.

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Color

Android(4283027945)

Conversions

Conversions Part 1

Format	Color
Hex	49D1E9
RGB	73, 209, 233
RGB Percent	29%, 82%, 91%
CMY	0.7137, 0.1804, 0.0863
CMYK	0.69, 0.10, 0.00, 0.09
HSL	189°, 78%, 60%
HSV	189°, 69%, 91%
XYZ	40.2561, 52.9006, 85.1799
YIQ	171.0720, -88.7600, -21.3680

Conversions

Conversions Part 2

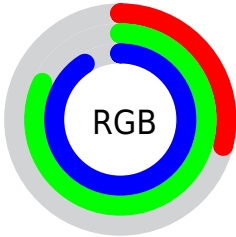
Format	Color
RYB	73, 147, 233
Decimal	4837865
CIELab	77.82, -28.89, -22.53
CIELCh	78, 36.636, 217.954
Yxy	52.9006, 0.2257, 0.2966
Android (android.graphics.Color)	4283027945 (0xFF49D1E9)
YUV	171.0720, 30.5305, -86.0091
Hunter-Lab	72.7328, -28.4863, -18.5236

Details

The Android color `4283027945` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted cyan. A complement of this color would be `4293484873`, and the grayscale version is `4289440683`.

A 20% lighter version of the original color is `4287430655`, and `4278229681` is the 20% darker color. If you saturate the color by 10%, you get `4281519849`, and if you desaturate by 10%, it is `4284536041`.

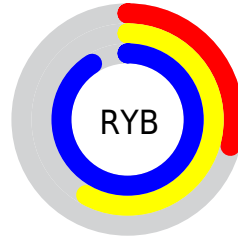
Distribution



Red (29%)

Green (82%)

Blue (91%)



Red (29%)

Yellow (58%)

Blue (91%)

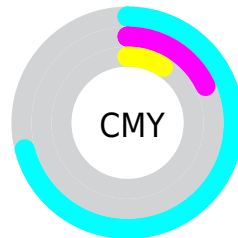


Cyan (69%)

Magenta (10%)

Yellow (0%)

Black (9%)



Cyan (71%)

Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283027945 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 4283027945 by changing the saturation by 10% instead.

 4283027945

 4283027945

4294967295

 4279743949

 4287430655

 4278229681

 4289462271

 4278222999

 4291493887

 4278216573

 4293525503

 4278210148

 4278204236

 4278199093

 4278190624

 4278190084

■ 4283027945

■ 4283027945

■ 4281519849

■ 4284536041

■ 4279945961

■ 4286109929

■ 4278437865

■ 4287618025

■ 4278241001

■ 4289126377

■ 4290700009

■ 4292208361

■ 4293716457

■ 4294962665

■ 4294963433

Harmonies

Analogous

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



4284077001



4283027945



4285254655

Triad

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



4283027945



4294159067



4291805564

Complementary

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



4283027945



4293484873

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.



4293768834



4283027945



4294944440

Square

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



4283027945



4291867894



4294945688



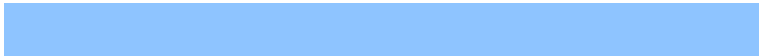
4289383306

Rectangle

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



4283027945



4287546623



4294945688



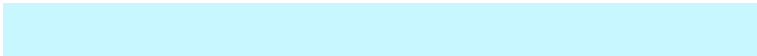
4292525436

Sweetspot

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



4283027945



4291426303



4283033953



4284513152



4278190080



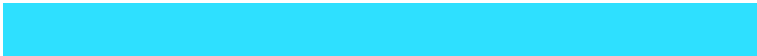
4286611584

Same Dimension

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



4283027945



4281262335



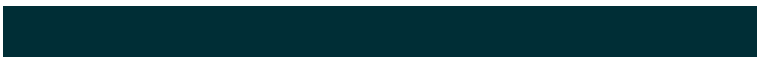
4283007465



4285166709



4278229685



4278201910

Inverse Universe

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



4293478865



4294913760



4293505353



4285885044



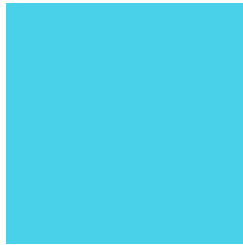
4290052250



4281729070

Previews

White Background



This preview shows how the Android color 4283027945 looks on a white background.

Color Contrast Check

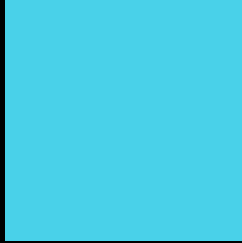
Large Text (above 18pt) WCAG AA × Fail

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 4283027945 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 4283027945 Background



This preview shows how black text looks on a background with the Android color 4283027945.



This preview shows how white text looks on a background with the Android color 4283027945.

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](#).

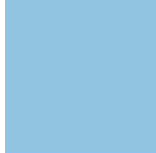
Dichromacy



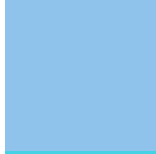
Trichromacy



Original Color
4283027945



Protanomaly
4287743201

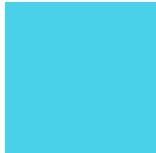


Deuteranomaly
4287677420

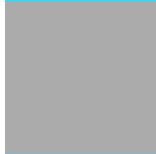


Tritanomaly
4282831589

Monochromacy



Original Color
4283027945



Achromatopsia
4289440683



Achromatomaly
4287084994

CSS Examples

Text

The CSS property to change the color of the text to Android 4283027945 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, 209, 233)` looks like.

```
.text, #text, p{  
    color:rgb(73, 209, 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, 209, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 209, 233) }
```

Border

The CSS property to change the border of an element to Android 4283027945 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, 209, 233) }
```

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

```
.border{ border-color:rgb(73, 209, 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, 209, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 209, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 209, 233);  
box-shadow:4px 4px 4px 4px rgb(73, 209,  
233) }
```

Background

The CSS property to change the background color of an element to Android 4283027945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 209, 233) }
```

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

```
.background{ background-color: rgb(73, 209,  
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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