

Converting Colors

Android(4283153896)

Have a look what the booklet for
Android(4283153896) contains.

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Color

Android(4283153896)

Conversions

Conversions Part 1

Format	Color
Hex	4BBDE8
RGB	75, 189, 232
RGB Percent	29%, 74%, 91%
CMY	0.7059, 0.2588, 0.0902
CMYK	0.68, 0.19, 0.00, 0.09
HSL	196°, 77%, 60%
HSV	196°, 68%, 91%
XYZ	35.6647, 43.7172, 82.9025
YIQ	159.8160, -81.7470, -10.7950

Conversions

Conversions Part 2

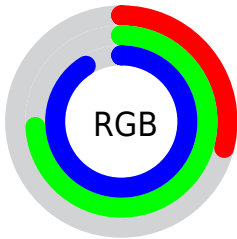
Format	Color
RYB	75, 141, 232
Decimal	4963816
CIELab	72.04, -18.84, -30.84
CIELCh	72, 36.137, 238.573
Yxy	43.7172, 0.2198, 0.2694
Android (android.graphics.Color)	4283153896 (0xFF4BBDE8)
YUV	159.8160, 35.5867, -74.3836
Hunter-Lab	66.1190, -19.4250, -28.0567

Details

The Android color `4283153896` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light muted azure. A complement of this color would be `4293424715`, and the grayscale version is `4288716960`.

A 20% lighter version of the original color is `4287428095`, and `4278225072` is the 20% darker color. If you saturate the color by 10%, you get `4281645032`, and if you desaturate by 10%, it is `4284662760`.

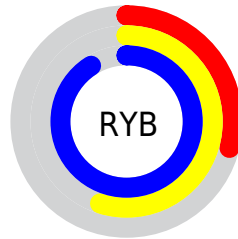
Distribution



Red (29%)

Green (74%)

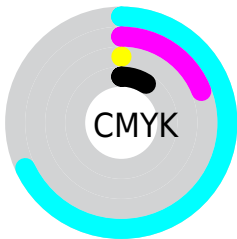
Blue (91%)



Red (29%)

Yellow (55%)

Blue (91%)

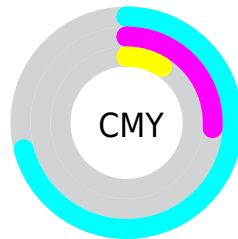


Cyan (68%)

Magenta (19%)

Yellow (0%)

Black (9%)



Cyan (71%)

Magenta (26%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283153896 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 4283153896 by changing the saturation by 10% instead.

 4283153896

 4283153896

4294967295

 4280263372

 4287428095

 4278225072

 4289462271

 4278218389

 4291428351

 4278212219

 4293459967

 4278206050

 4278200394

 4278194484

 4278190622

 4278190080

■ 4283153896

■ 4283153896

■ 4281645032

■ 4284662760

■ 4280135912

■ 4286171880

■ 4278561512

■ 4287746280

■ 4278233320

■ 4289255144

■ 4290764264

■ 4292273128

■ 4293781992

■ 4294963432

■ 4294964968

Harmonies

Analogous

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



4281713359



4283153896



4286625010

Triad

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



4283153896



4293826483



4289116278

Complementary

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



4283153896



4293424715

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.



4291341934



4283153896



4294023827

Square

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



4283153896



4292451795



4293108601



4286562189

Rectangle

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



4283153896



4288916975



4293108601



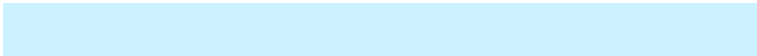
4289901937

Sweetspot

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



4283153896



4291621375



4283164789



4284577664



4278190080



4286611584

Same Dimension

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



4283153896



4281386751



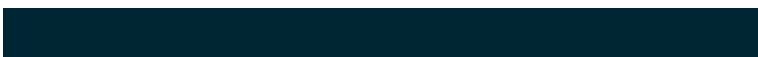
4283134184



4284969075



4278223539



4278199603

Inverse Universe

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



4293413821



4294914246



4293444427



4285753200



4289921154



4281532453

Previews

White Background



This preview shows how the Android color 4283153896 looks on a white background.

Color Contrast Check

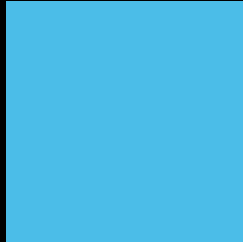
Large Text (above 18pt) WCAG AA × Fail

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 4283153896 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 4283153896 Background



This preview shows how black text looks on a background with the Android color 4283153896.

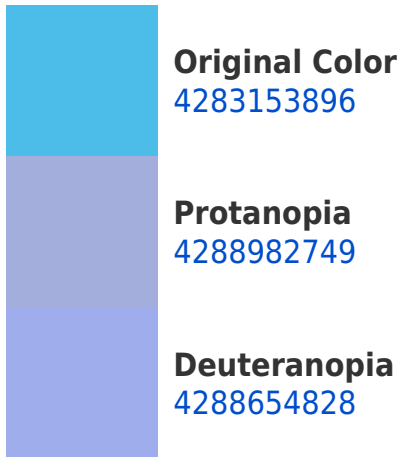


This preview shows how white text looks on a background with the Android color 4283153896.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4283153896 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(75, 189, 232)` looks like.

```
.text, #text, p{  
    color:rgb(75, 189, 232)  
}
```

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(75, 189, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 189, 232) }
```

Border

The CSS property to change the border of an element to Android 4283153896 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(75, 189, 232) }
```

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

```
.border{ border-color:rgb(75, 189, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 189, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 189, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 189, 232);  
box-shadow:4px 4px 4px 4px rgb(75, 189,  
232) }
```

Background

The CSS property to change the background color of an element to Android 4283153896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 189, 232) }
```

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

```
.background{ background-color: rgb(75, 189,  
232) }
```

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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