

Converting Colors

Android(4282564571)

Have a look what the booklet for
Android(4282564571) contains.

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Color

Android(4282564571)

Conversions

Conversions Part 1

Format	Color
Hex	42BFDB
RGB	66, 191, 219
RGB Percent	26%, 75%, 86%
CMY	0.7412, 0.2510, 0.1412
CMYK	0.70, 0.13, 0.00, 0.14
HSL	191°, 68%, 56%
HSV	191°, 70%, 86%
XYZ	33.6638, 43.5343, 73.6465
YIQ	156.8170, -83.4880, -17.7920

Conversions

Conversions Part 2

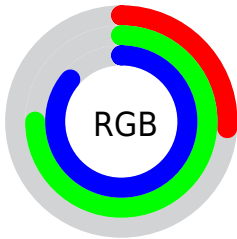
Format	Color
R _Y B	66, 135, 219
Decimal	4374491
CIE Lab	71.92, -25.19, -23.98
CIE LCh	72, 34.777, 223.595
Yxy	43.5343, 0.2232, 0.2886
Android (android.graphics.Color)	4282564571 (0xFF42BFDB)
YUV	156.8170, 30.6562, -79.6465
Hunter-Lab	65.9805, -24.3940, -19.9923

Details

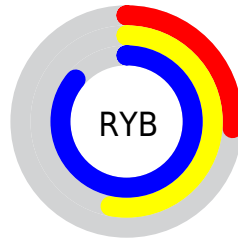
The Android color `4282564571` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light muted azure. A complement of this color would be `4292566594`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4286904575`, and `4278225316` is the 20% darker color. If you saturate the color by 10%, you get `4281121755`, and if you desaturate by 10%, it is `4284007387`.

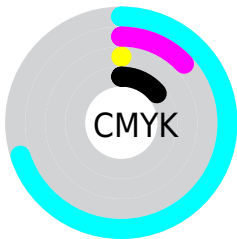
Distribution



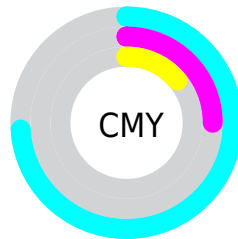
- Red (26%)
- Green (75%)
- Blue (86%)



- Red (26%)
- Yellow (53%)
- Blue (86%)



- Cyan (70%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)



- Cyan (74%)
- Magenta (25%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282564571 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 4282564571 by changing the saturation by 10% instead.

 4282564571

 4282564571

4294967295

 4279018687

 4286904575

 4278225316

 4288937983

 4278218890

 4290904063

 4278212464

 4292935679

 4278206296

 4278200640

 4278193962

 4278190357

 4278190080

■ 4282564571

■ 4282564571

■ 4281121755

■ 4284007387

■ 4279678939

■ 4285450203

■ 4278236123

■ 4286893019

■ 4288335835

■ 4289778651

■ 4291155931

■ 4292598747

■ 4294041563

■ 4294960091

Harmonies

Analogous

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



4283024062



4282564571



4285118700

Triad

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



4282564571



4293171907



4290229106

Complementary

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



4282564571



4292566594

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.



4292192372



4282564571



4293892259

Square

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



4282564571



4291208158



4293500550



4287937409

Rectangle

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



4282564571



4287345391



4293500550



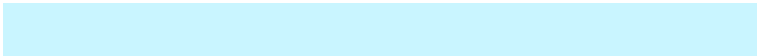
4290949232

Sweetspot

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



4282564571



4291425791



4282571612



4284512896



4278190080



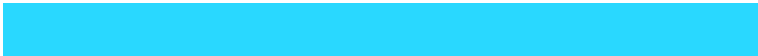
4286611584

Same Dimension

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



4282564571



4280932607



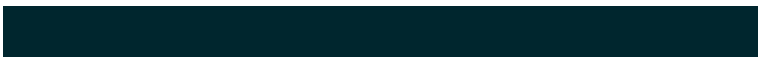
4282545627



4284705902



4278226605



4278199854

Inverse Universe

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



4292559551



4294912472



4292585538



4285424492



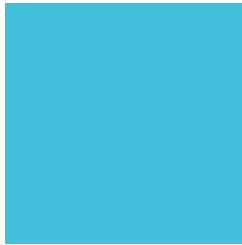
4289527950



4281204774

Previews

White Background



This preview shows how the Android color 4282564571 looks on a white background.

Color Contrast Check

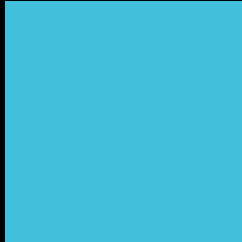
Large Text (above 18pt) WCAG AA × Fail

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 4282564571 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 4282564571 Background



This preview shows how black text looks on a background with the Android color 4282564571.



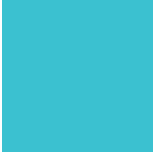
This preview shows how white text looks on a background with the Android color 4282564571.

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
4282106320

Trichromacy



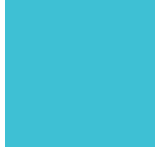
Original Color
4282564571



Protanomaly
4286821587



Deuteranomaly
4286755806



Tritanomaly
4282302676

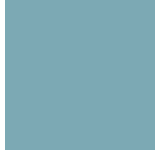
Monochromacy



Original Color
4282564571



Achromatopsia
4288519581



Achromatomaly
4286359988

CSS Examples

Text

The CSS property to change the color of the text to Android 4282564571 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(66, 191, 219)` looks like.

```
.text, #text, p{  
    color:rgb(66, 191, 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(66, 191, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 191, 219) }
```

Border

The CSS property to change the border of an element to Android 4282564571 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(66, 191, 219) }
```

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

```
.border{ border-color:rgb(66, 191, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 191, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 191, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 191, 219);  
box-shadow:4px 4px 4px 4px rgb(66, 191,  
219) }
```

Background

The CSS property to change the background color of an element to Android 4282564571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 191, 219) }
```

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

```
.background{ background-color: rgb(66, 191,  
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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