

Converting Colors

Android(4281193446)

Have a look what the booklet for
Android(4281193446) contains.

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Color

Android(4281193446)

Conversions

Conversions Part 1

Format	Color
Hex	2DD3E6
RGB	45, 211, 230
RGB Percent	18%, 83%, 90%
CMY	0.8235, 0.1725, 0.0980
CMYK	0.80, 0.08, 0.00, 0.10
HSL	186°, 79%, 54%
HSV	186°, 80%, 90%
XYZ	38.6594, 52.8596, 83.0283
YIQ	163.5320, -105.0350, -29.2830

Conversions

Conversions Part 2

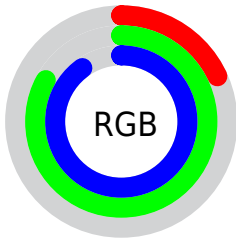
Format	Color
RYB	45, 132, 230
Decimal	3003366
CIELab	77.79, -33.82, -21.01
CIELCh	78, 39.810, 211.853
Yxy	52.8596, 0.2215, 0.3028
Android (android.graphics.Color)	4281193446 (0xFF2DD3E6)
YUV	163.5320, 32.7687, -103.9526
Hunter-Lab	72.7046, -32.3188, -16.8156

Details

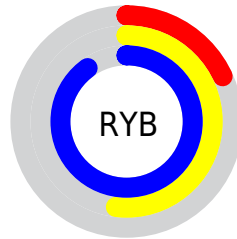
The Android color **4281193446** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **4293279789**, and the grayscale version is **4288914339**.

A 20% lighter version of the original color is **4286382079**, and **4278230190** is the 20% darker color. If you saturate the color by 10%, you get **4279685606**, and if you desaturate by 10%, it is **4282701286**.

Distribution



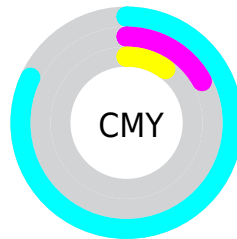
- Red (18%)
- Green (83%)
- Blue (90%)



- Red (18%)
- Yellow (52%)
- Blue (90%)



- Cyan (80%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)




- Cyan (82%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281193446 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 4281193446 by changing the saturation by 10% instead.

 4281193446

 4281193446

4294967295

 4278237130

 4286382079

 4278230190

 4288479231

 4278223252

 4290576383

 4278216826

 4292607999

 4278210401

 4294705151

 4278204489

 4278199347

 4278190622

 4278190080

■ 4281193446

■ 4281193446

■ 4279685606

■ 4282701286

■ 4278243046

■ 4284209382

■ 4285717222

■ 4287225062

■ 4288733158

■ 4290240998

■ 4291749094

■ 4293256934

■ 4294764774

Harmonies

Analogous

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



4283684033



4281193446



4283551231

Triad

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



4281193446



4294028004



4292329334

Complementary

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



4281193446



4293279789

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.



4294292096



4281193446



4294943935

Square

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



4281193446



4291344127



4294944667



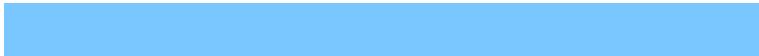
4289776256

Rectangle

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



4281193446



4286236671



4294944667



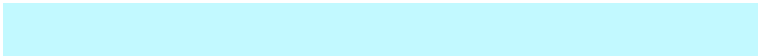
4293049207

Sweetspot

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



4281193446



4290968063



4281198143



4284185728



4278190080



4286611584

Same Dimension

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



4281193446



4278773503



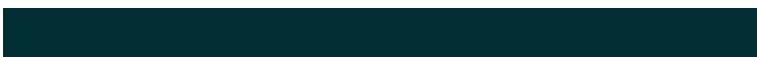
4281169894



4284969587



4278231219



4278201907

Inverse Universe

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



4293275091



4294904038



4293303341



4285753202



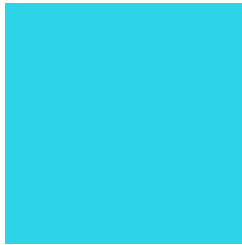
4289921184



4281532462

Previews

White Background



This preview shows how the Android color 4281193446 looks on a white background.

Color Contrast Check

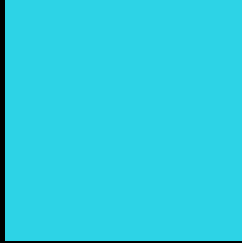
Large Text (above 18pt) WCAG AA × Fail

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 4281193446 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 4281193446 Background



This preview shows how black text looks on a background with the Android color 4281193446.



This preview shows how white text looks on a background with the Android color 4281193446.

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

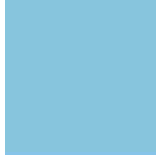


Trichromacy



Original Color

4281193446



Protanomaly

4287088093



Deuteranomaly

4287087849



Tritanomaly

4281127909

Monochromacy



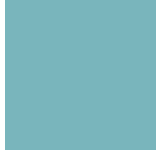
Original Color

4281193446



Achromatopsia

4288980132



Achromatomaly

4286166460

CSS Examples

Text

The CSS property to change the color of the text to Android 4281193446 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(45, 211, 230)` looks like.

```
.text, #text, p{  
    color:rgb(45, 211, 230)  
}
```

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(45, 211, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 211, 230) }
```

Border

The CSS property to change the border of an element to Android 4281193446 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(45, 211, 230) }
```

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

```
.border{ border-color:rgb(45, 211, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 211, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 211, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 211, 230);  
box-shadow:4px 4px 4px 4px rgb(45, 211,  
230) }
```

Background

The CSS property to change the background color of an element to Android 4281193446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 211, 230) }
```

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

```
.background{ background-color: rgb(45, 211,  
230) }
```

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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