

Converting Colors

Android(4281786096)

Have a look what the booklet for
Android(4281786096) contains.

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Color

Android(4281786096)

Conversions

Conversions Part 1

Format	Color
Hex	36DEF0
RGB	54, 222, 240
RGB Percent	21%, 87%, 94%
CMY	0.7882, 0.1294, 0.0588
CMYK	0.78, 0.07, 0.00, 0.06
HSL	186°, 86%, 58%
HSV	186°, 78%, 94%
XYZ	43.3708, 59.3181, 91.6017
YIQ	173.8200, -105.9060, -30.0180

Conversions

Conversions Part 2

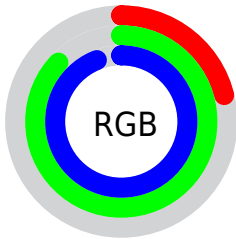
Format	Color
R _{YB}	54, 142, 240
Decimal	3596016
CIE Lab	81.47, -35.18, -20.76
CIE LCh	81, 40.844, 210.547
Yxy	59.3181, 0.2232, 0.3053
Android (android.graphics.Color)	4281786096 (0xFF36DEF0)
YUV	173.8200, 32.6267, -105.0821
Hunter-Lab	77.0182, -34.2644, -16.6039




Details

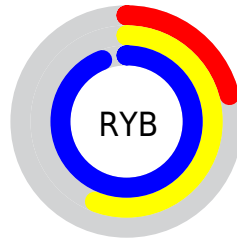
The Android color **4281786096** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **4293937206**, and the grayscale version is **4289638062**.




A 20% lighter version of the original color is **4286840831**, and **4278232760** is the 20% darker color. If you saturate the color by 10%, you get **4280212720**, and if you desaturate by 10%, it is **4283359472**.

Distribution







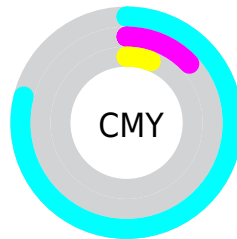
-  Red (21%)
-  Green (87%)
-  Blue (94%)






-  Red (21%)
-  Yellow (56%)
-  Blue (94%)



-  Cyan (78%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (6%)




-  Cyan (79%)
-  Magenta (13%)
-  Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281786096 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 4281786096 by changing the saturation by 10% instead.

 4281786096

 4281786096

4294967295

 4278239956

 4286840831

 4278232760

 4288937983

 4278226077

 4291035135

 4278219395

 4293132287

 4278212970

 4278206546

 4278200890

 4278193189

 4278190350

■ 4281786096

■ 4281786096

■ 4280212720

■ 4283359472

■ 4278639088

■ 4284933104

■ 4278245872

■ 4286506480

■ 4288079856

■ 4289653488

■ 4291226864

■ 4292800240

■ 4294373872

■ 4294964208

Harmonies

Analogous

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



4284276682



4281786096



4283881727

Triad

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



4281786096



4294685681



4293118077

Complementary

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



4281786096



4293937206

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.



4294949769



4281786096



4294946251

Square

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



4281786096



4291870975



4294946981



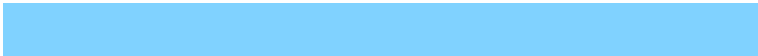
4290499719

Rectangle

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



4281786096



4286632703



4294946981



4293903487

Sweetspot

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



4281786096



4291099135



4281790533



4284251264



4278190080



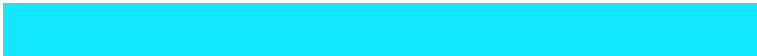
4286611584

Same Dimension

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



4281786096



4279429375



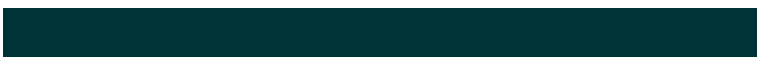
4281763056



4285298552



4278232760



4278203192

Inverse Universe

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



4293932766



4294906600



4293960502



4286082167



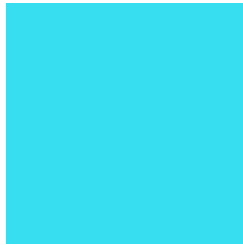
4290248870



4281860147

Previews

White Background



This preview shows how the Android color 4281786096 looks on a white background.

Color Contrast Check

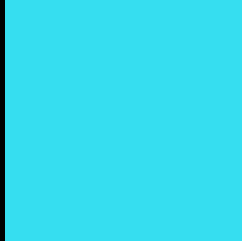
Large Text (above 18pt) WCAG AA × Fail

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 4281786096 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 4281786096 Background



This preview shows how black text looks on a background with the Android color 4281786096.

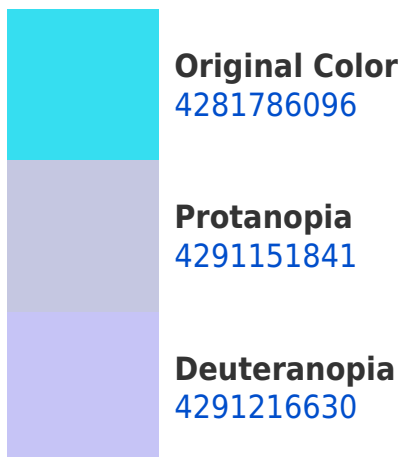


This preview shows how white text looks on a background with the Android color 4281786096.

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

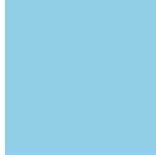


Trichromacy



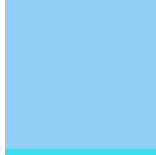
Original Color

4281786096



Protanomaly

4287746022



Deuteranomaly

4287811060



Tritanomaly

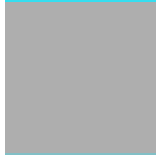
4281786096

Monochromacy



Original Color

4281786096



Achromatopsia

4289638062



Achromatomaly

4286758854

CSS Examples

Text

The CSS property to change the color of the text to Android 4281786096 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(54, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(54, 222, 240)  
}
```

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(54, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 222, 240) }
```

Border

The CSS property to change the border of an element to Android 4281786096 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(54, 222, 240) }
```

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

```
.border{ border-color:rgb(54, 222, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 222, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(54, 222,  
240) }
```

Background

The CSS property to change the background color of an element to Android 4281786096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 222, 240) }
```

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

```
.background{ background-color: rgb(54, 222,  
240) }
```

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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