

Converting Colors

Android(4280613610)

Have a look what the booklet for
Android(4280613610) contains.

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Color

Android(4280613610)

Conversions

Conversions Part 1

Format	Color
Hex	24FAEA
RGB	36, 250, 234
RGB Percent	14%, 98%, 92%
CMY	0.8588, 0.0196, 0.0824
CMYK	0.86, 0.00, 0.06, 0.02
HSL	176°, 96%, 56%
HSV	176°, 86%, 98%
XYZ	49.7644, 74.6868, 89.6350
YIQ	184.1900, -122.4080, -50.3440

Conversions

Conversions Part 2

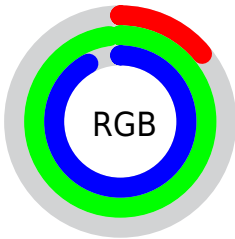
Format	Color
R_{YB}	36, 147, 250
Decimal	2423530
CIE _{Lab}	89.25, -50.65, -5.98
CIE _{LCh}	89, 51.007, 186.738
Yxy	74.6868, 0.2325, 0.3489
Android (android.graphics.Color)	4280613610 (0xFF24FAEA)
YUV	184.1900, 24.5563, -129.9626
Hunter-Lab	86.4215, -48.4513, -0.9996

Details

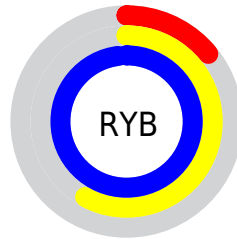
The Android color `4280613610` is a light color, and the websafe version is hex `00FFFF`. The color can be described as light washed cyan. A complement of this color would be `4294583348`, and the grayscale version is `4290295992`.

A 20% lighter version of the original color is `4286513151`, and `4278239666` is the 20% darker color. If you saturate the color by 10%, you get `4278975208`, and if you desaturate by 10%, it is `4282252012`.

Distribution



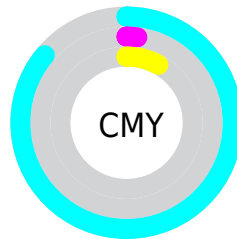
- Red (14%)
- Green (98%)
- Blue (92%)



- Red (14%)
- Yellow (58%)
- Blue (98%)



- Cyan (86%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (86%)
- Magenta (2%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280613610 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 4280613610 by changing the saturation by 10% instead.

 4280613610

 4280613610

4294967295

 4278246862

 4286513151

 4278239666

 4288741375

 4278232472

 4290904063

 4278225534

 4293001215

 4278218597

 4278212173

 4278205750

 4278200097

 4278190091

■ 4280613610

■ 4280613610

■ 4278975208

■ 4282252012

■ 4278254311

■ 4283890414

■ 4285528816

■ 4287167217

■ 4288805619

■ 4290444021

■ 4292082423

■ 4293720825

■ 4294966011

Harmonies

Analogous

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



4286838712



4280613610



4278253823

Triad

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



4280613610



4294234111



4294955143

Complementary

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



4280613610



4294583348

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.



4294951080



4280613610



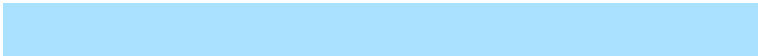
4294950911

Square

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



4280613610



4289323519



4294949335



4294304126

Rectangle

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



4280613610



4278252543



4294949335



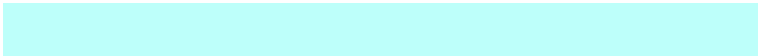
4294953616

Sweetspot

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



4280613610



4290641914



4281793060



4283990141



4278190080



4286611584

Same Dimension

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



4280613610



4278255596



4280590842



4285562236



4278238639



4278205753

Inverse Universe

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



4294583348



4294901779



4294606116



4286410865



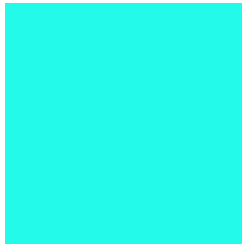
4290576398



4282187781

Previews

White Background



This preview shows how the Android color 4280613610 looks on a white background.

Color Contrast Check

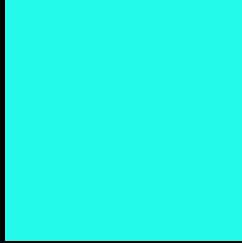
Large Text (above 18pt) WCAG AA × Fail

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 4280613610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

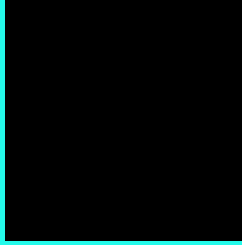
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

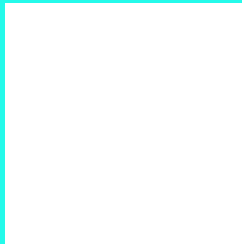
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280613610 Background



This preview shows how black text looks on a background with the Android color 4280613610.



This preview shows how white text looks on a background with the Android color 4280613610.

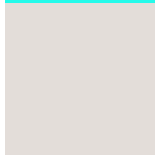
Color Blindness Simulation

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](#).

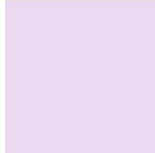
Dichromacy



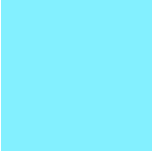
Original Color
4280613610



Protanopia
4293123545



Deuteranopia
4293646577

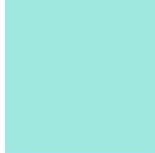


Tritanopia
4286836991

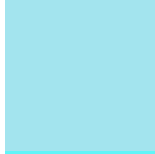
Trichromacy



Original Color
4280613610



Protanomaly
4288604383



Deuteranomaly
4288931054

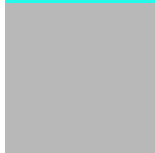


Tritanomaly
4284544247

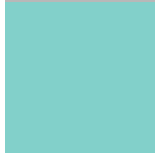
Monochromacy



Original Color
4280613610



Achromatopsia
4290295992



Achromatomaly
4286763210

CSS Examples

Text

The CSS property to change the color of the text to Android 4280613610 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(36, 250, 234)` looks like.

```
.text, #text, p{  
    color:rgb(36, 250, 234)  
}
```

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(36, 250, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 250, 234) }
```

Border

The CSS property to change the border of an element to Android 4280613610 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(36, 250, 234) }
```

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

```
.border{ border-color:rgb(36, 250, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 250, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 250, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 250, 234);  
box-shadow:4px 4px 4px 4px rgb(36, 250,  
234) }
```

Background

The CSS property to change the background color of an element to Android 4280613610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 250, 234) }
```

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

```
.background{ background-color: rgb(36, 250,  
234) }
```

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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