

Converting Colors

Android(4280940278)

Have a look what the booklet for
Android(4280940278) contains.

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Color

Android(4280940278)

Conversions

Conversions Part 1

Format	Color
Hex	29F6F6
RGB	41, 246, 246
RGB Percent	16%, 96%, 96%
CMY	0.8392, 0.0353, 0.0353
CMYK	0.83, 0.00, 0.00, 0.04
HSL	180°, 92%, 56%
HSV	180°, 83%, 96%
XYZ	50.5048, 73.0368, 98.6244
YIQ	184.7050, -122.1800, -43.4600

Conversions

Conversions Part 2

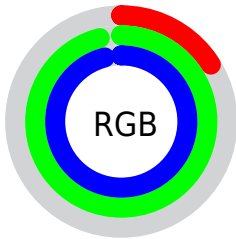
Format	Color
R_{YB}	41, 144, 246
Decimal	2750198
CIE _{Lab}	88.47, -45.30, -13.40
CIE _{LCh}	88, 47.240, 196.476
Yxy	73.0368, 0.2273, 0.3287
Android (android.graphics.Color)	4280940278 (0xFF29F6F6)
YUV	184.7050, 30.2184, -126.0293
Hunter-Lab	85.4616, -44.0705, -8.5988

Details

The Android color `4280940278` is a light color, and the websafe version is hex `33FFFF`. The color can be described as light washed cyan. A complement of this color would be `4294322473`, and the grayscale version is `4290361785`.

A 20% lighter version of the original color is `4286644223`, and `4278238654` is the 20% darker color. If you saturate the color by 10%, you get `4279301878`, and if you desaturate by 10%, it is `4282578678`.

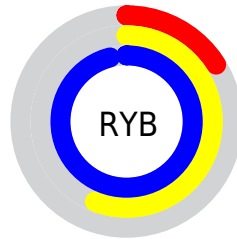
Distribution



Red (16%)

Green (96%)

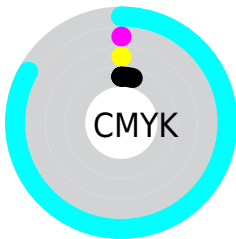
Blue (96%)



Red (16%)

Yellow (56%)

Blue (96%)

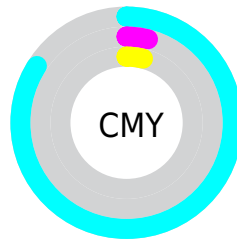


Cyan (83%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (84%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280940278 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 4280940278 by changing the saturation by 10% instead.

 4280940278

 4280940278

4294967295

 4278245850

 4286644223

 4278238654

 4288872447

 4278231459

 4291035135

 4278224521

 4293197823

 4278217839

 4278211415

 4278205248

 4278199594

 4278190358

 4280940278

 4280940278

 4279301878

 4282578678

 4278253302

 4284151542

 4285789942

 4287362806

 4289001206

 4290639606

 4292212470

 4293850870

 4294964982

Harmonies

Analogous

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



4285920711



4280940278



4279300863

Triad

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



4280940278



4294953471



4294956166

Complementary

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



4280940278



4294322473

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.



4294952351



4280940278



4294950388

Square

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



4280940278



4291156735



4294949831



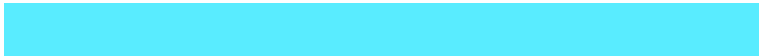
4293124998

Rectangle

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



4280940278



4284083455



4294949831



4294954892

Sweetspot

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



4280940278



4290772991



4280940073



4284055680



4278190080



4286611584

Same Dimension

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



4280940278



4278255615



4280913910



4285430394



4278237882



4278205243

Inverse Universe

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



4294322678



4294902015



4294348585



4286213754



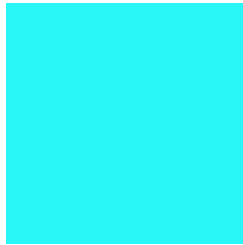
4290379962



4282056763

Previews

White Background



This preview shows how the Android color 4280940278 looks on a white background.

Color Contrast Check

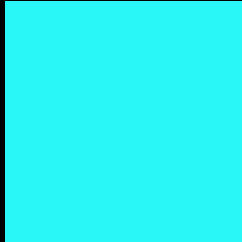
Large Text (above 18pt) WCAG AA × Fail

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 4280940278 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

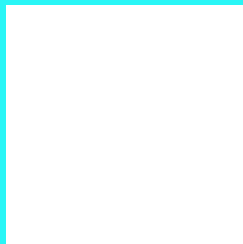
Any Text WCAG AAA ✓ Pass

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

Android 4280940278 Background



This preview shows how black text looks on a background with the Android color 4280940278.

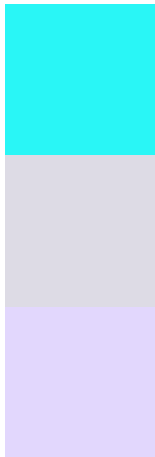


This preview shows how white text looks on a background with the Android color 4280940278.

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](#).

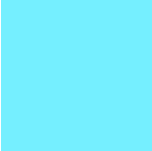
Dichromacy



Original Color
4280940278

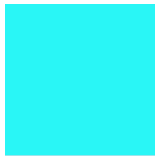
Protanopia
4292729829

Deuteranopia
4293056509



Tritanopia
4285919231

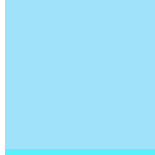
Trichromacy



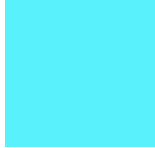
Original Color
4280940278



Protanomaly
4288472555

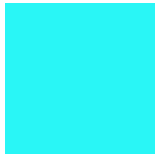


Deuteranomaly
4288668410

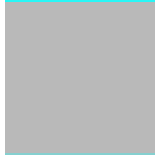


Tritanomaly
4284084988

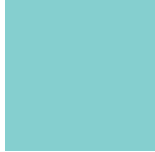
Monochromacy



Original Color
4280940278



Achromatopsia
4290361785



Achromatomaly
4286959567

CSS Examples

Text

The CSS property to change the color of the text to Android 4280940278 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(41, 246, 246)` looks like.

```
.text, #text, p{  
    color:rgb(41, 246, 246)  
}
```

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(41, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 246, 246) }
```

Border

The CSS property to change the border of an element to Android 4280940278 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(41, 246, 246) }
```

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

```
.border{ border-color:rgb(41, 246, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(41, 246,  
246) }
```

Background

The CSS property to change the background color of an element to Android 4280940278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 246, 246) }
```

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

```
.background{ background-color: rgb(41, 246,  
246) }
```

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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