

Converting Colors

Android(4282580970)

Have a look what the booklet for
Android(4282580970) contains.

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Color

Android(4282580970)

Conversions

Conversions Part 1

Format	Color
Hex	42FFEA
RGB	66, 255, 234
RGB Percent	26%, 100%, 92%
CMY	0.7412, 0.0000, 0.0824
CMYK	0.74, 0.00, 0.08, 0.00
HSL	173°, 100%, 63%
HSV	173°, 74%, 100%
XYZ	52.8580, 78.6188, 90.2309
YIQ	196.0950, -105.9030, -46.5990

Conversions

Conversions Part 2

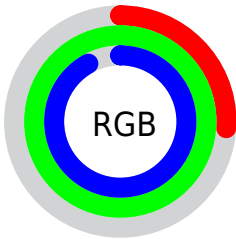
Format	Color
RYB	66, 166, 255
Decimal	4390890
CIELab	91.06, -50.30, -3.27
CIELCh	91, 50.402, 183.718
Yxy	78.6188, 0.2384, 0.3546
Android (android.graphics.Color)	4282580970 (0xFF42FFEA)
YUV	196.0950, 18.6872, -114.0933
Hunter-Lab	88.6672, -48.7567, 1.7314

Details

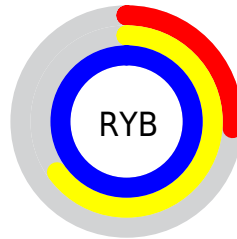
The Android color `4282580970` is a light color, and the websafe version is hex `00FFFF`. The color can be described as light washed cyan. A complement of this color would be `4294918743`, and the grayscale version is `4291085508`.

A 20% lighter version of the original color is `4287496191`, and `4278240690` is the 20% darker color. If you saturate the color by 10%, you get `4280877031`, and if you desaturate by 10%, it is `4284219373`.

Distribution



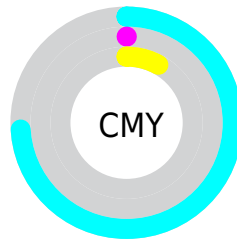
- Red (26%)
- Green (100%)
- Blue (92%)



- Red (26%)
- Yellow (65%)
- Blue (100%)



- Cyan (74%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)



- Cyan (74%)
- Magenta (0%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282580970 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 4282580970 by changing the saturation by 10% instead.

 4282580970

 4282580970

4294967295


 4278248142

 4287496191

 4278240690

 4289658879

 4278233496

 4291756031

 4278226558

 4293853183

 4278219877

 4278213197

 4278206774

 4278201121

 4278192140

■ 4282580970

■ 4282580970

■ 4280877031

■ 4284219373

■ 4279238628

■ 4285923312

■ 4278255587

■ 4287627251

■ 4289265653

■ 4290969592

■ 4292607995

■ 4294246398

4294967295

Harmonies

Analogous

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



4287691705



4282580970



4278255103

Triad

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



4282580970



4294105087



4294956176

Complementary

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



4282580970



4294918743

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.



4294952370



4282580970



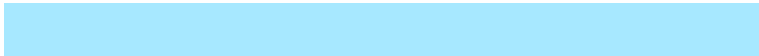
4294952703

Square

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



4282580970



4289194239



4294950881



4294960515

Rectangle

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



4282580970



4278254079



4294950881



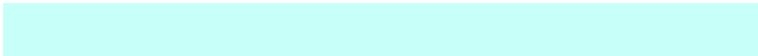
4294954649

Sweetspot

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



4282580970



4291297273



4284022594



4284383356



4278190080



4286611584

Same Dimension

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



4282580970



4280090598



4282562559



4285759614



4278239146



4278206521

Inverse Universe

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



4294918743



4294908981



4294937154



4286608244



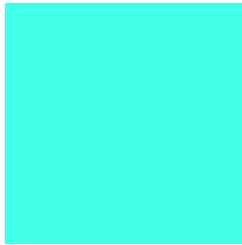
4290707477



4282384391

Previews

White Background



This preview shows how the Android color 4282580970 looks on a white background.

Color Contrast Check

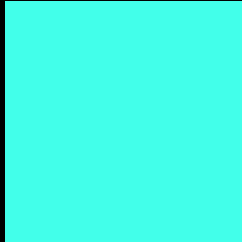
Large Text (above 18pt) WCAG AA × Fail

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 4282580970 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

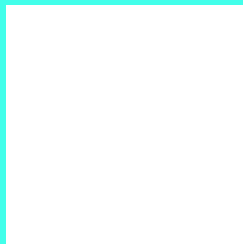
Any Text WCAG AAA ✓ Pass

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

Android 4282580970 Background



This preview shows how black text looks on a background with the Android color 4282580970.




This preview shows how white text looks on a background with the Android color 4282580970.

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



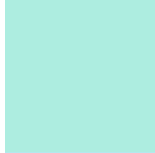


Tritanopia
4288672511

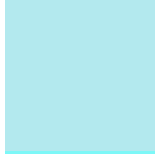
Trichromacy



Original Color
4282580970



Protanomaly
4289588704



Deuteranomaly
4289980910



Tritanomaly
4286445559

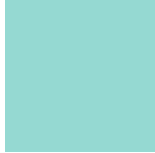
Monochromacy



Original Color
4282580970



Achromatopsia
4291085508



Achromatomaly
4288010706

CSS Examples

Text

The CSS property to change the color of the text to Android 4282580970 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, 255, 234)` looks like.

```
.text, #text, p{  
    color:rgb(66, 255, 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(66, 255, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 255, 234) }
```

Border

The CSS property to change the border of an element to Android 4282580970 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, 255, 234) }
```

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

```
.border{ border-color:rgb(66, 255, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 255, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 255, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 255, 234);  
box-shadow:4px 4px 4px 4px rgb(66, 255,  
234) }
```

Background

The CSS property to change the background color of an element to Android 4282580970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 255, 234) }
```

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

```
.background{ background-color: rgb(66, 255,  
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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