

Converting Colors

Android(4282697727)

Have a look what the booklet for
Android(4282697727) contains.

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Color

Android(4282697727)

Conversions

Conversions Part 1

Format	Color
Hex	44C7FF
RGB	68, 199, 255
RGB Percent	27%, 78%, 100%
CMY	0.7333, 0.2196, 0.0000
CMYK	0.73, 0.22, 0.00, 0.00
HSL	198°, 100%, 63%
HSV	198°, 73%, 100%
XYZ	40.8573, 49.2958, 101.9694
YIQ	166.2150, -96.0520, -10.3560

Conversions

Conversions Part 2

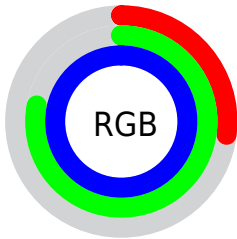
Format	Color
R _{YB}	68, 145, 255
Decimal	4507647
CIE _{Lab}	75.63, -17.63, -37.68
CIE _{LCh}	76, 41.601, 244.932
Yxy	49.2958, 0.2127, 0.2566
Android (android.graphics.Color)	4282697727 (0xFF44C7FF)
YUV	166.2150, 43.7710, -86.1346
Hunter-Lab	70.2110, -18.9961, -36.9609

Details

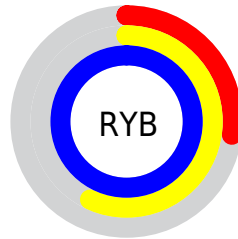
The Android color `4282697727` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294933572`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4287365119`, and `4278227398` is the 20% darker color. If you saturate the color by 10%, you get `4280991743`, and if you desaturate by 10%, it is `4284338175`.

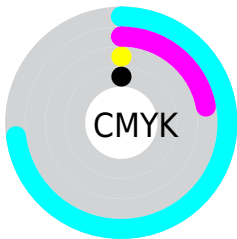
Distribution



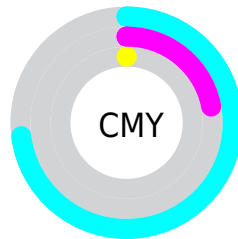
- Red (27%)
- Green (78%)
- Blue (100%)



- Red (27%)
- Yellow (57%)
- Blue (100%)



- Cyan (73%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (73%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282697727 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 4282697727 by changing the saturation by 10% instead.



4282697727



4282697727

4294967295



4278234338



4287365119



4278227398



4289462271



4278220715



4291493887



4278214544



4293525503



4278208374



4278202717



4278197573



4278191150



4278190361

■ 4282697727

■ 4282697727

■ 4280991743

■ 4284338175

■ 4279351551

■ 4286043903

■ 4278236159

■ 4287749887

■ 4289390335

■ 4291030527

■ 4292736511

■ 4294376703

4294967295

Harmonies

Analogous

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



4278242789



4282697727



4287413503

Triad

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



4282697727



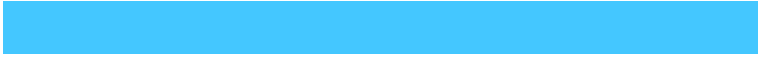
4294941877



4288988538

Complementary

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



4282697727



4294933572

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.



4291672685



4282697727



4294943120

Square

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



4282697727



4293960156



4293832054



4285910169

Rectangle

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



4282697727



4290098175



4293832054



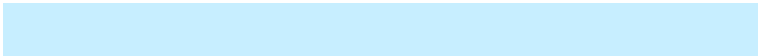
4289970803

Sweetspot

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



4282697727



4291292927



4282711929



4284380800



4278190080



4286611584

Same Dimension

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



4282697727



4280270079



4282674687



4285758592



4278224575



4278201664

Inverse Universe

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



4294919367



4294909884



4294956612



4286608252



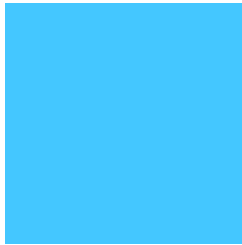
4290707590



4282384429

Previews

White Background



This preview shows how the Android color 4282697727 looks on a white background.

Color Contrast Check

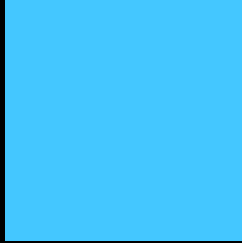
Large Text (above 18pt) WCAG AA × Fail

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 4282697727 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

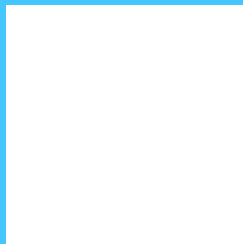
Any Text WCAG AAA ✓ Pass

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

Android 4282697727 Background



This preview shows how black text looks on a background with the Android color 4282697727.

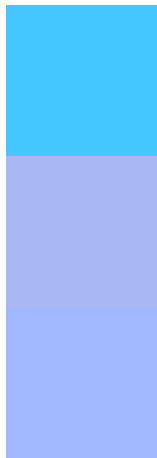


This preview shows how white text looks on a background with the Android color 4282697727.

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](#).

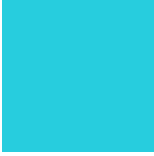
Dichromacy



Original Color
4282697727

Protanopia
4289312755

Deuteranopia
4288788479



Tritanopia
4280798686

Trichromacy



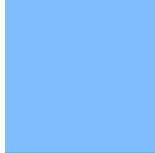
Original Color

4282697727



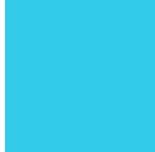
Protanomaly

4286889463



Deuteranomaly

4286561791



Tritanomaly

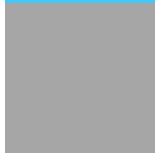
4281519082

Monochromacy



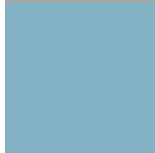
Original Color

4282697727



Achromatopsia

4289111718



Achromatomaly

4286755526

CSS Examples

Text

The CSS property to change the color of the text to Android 4282697727 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(68, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(68, 199, 255)  
}
```

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(68, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 199, 255) }
```

Border

The CSS property to change the border of an element to Android 4282697727 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(68, 199, 255) }
```

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

```
.border{ border-color:rgb(68, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(68, 199,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4282697727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 199, 255) }
```

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

```
.background{ background-color: rgb(68, 199,  
255) }
```

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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