

Converting Colors

Android(4282244095)

Have a look what the booklet for
Android(4282244095) contains.

Android(4282244095)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4282244095)

Conversions

Conversions Part 1

Format	Color
Hex	3DDBFF
RGB	61, 219, 255
RGB Percent	24%, 86%, 100%
CMY	0.7608, 0.1412, 0.0000
CMYK	0.76, 0.14, 0.00, 0.00
HSL	191°, 100%, 62%
HSV	191°, 76%, 100%
XYZ	45.3060, 58.8751, 103.5839
YIQ	175.8620, -105.7240, -22.3000

Conversions

Conversions Part 2

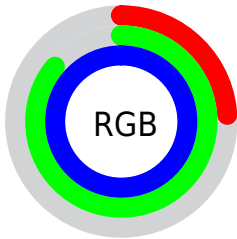
Format	Color
RYB	61, 148, 255
Decimal	4054015
CIELab	81.22, -28.49, -29.08
CIELCh	81, 40.704, 225.588
Yxy	58.8751, 0.2181, 0.2834
Android (android.graphics.Color)	4282244095 (0xFF3DDBFF)
YUV	175.8620, 39.0150, -100.7340
Hunter-Lab	76.7301, -28.8808, -26.3290

Details

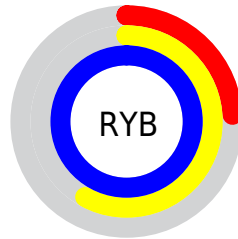
The Android color `4282244095` is a light color, and the websafe version is hex `00CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294926653`, and the grayscale version is `4289769648`.

A 20% lighter version of the original color is `4287168511`, and `4278232262` is the 20% darker color. If you saturate the color by 10%, you get `4280538879`, and if you desaturate by 10%, it is `4283949311`.

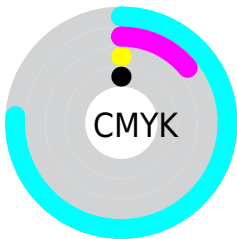
Distribution



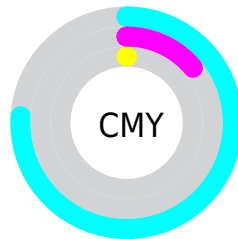
- Red (24%)
- Green (86%)
- Blue (100%)



- Red (24%)
- Yellow (58%)
- Blue (100%)



- Cyan (76%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282244095 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 4282244095 by changing the saturation by 10% instead.

 4282244095

 4282244095

4294967295

 4278239202

 4287168511

 4278232262

 4289265663

 4278225323

 4291362815

 4278218640

 4293459967

 4278212470

 4278206302

 4278200646

 4278193199

 4278190362

■ 4282244095

■ 4282244095

■ 4280538879

■ 4283949311

■ 4278899455

■ 4285588735

■ 4278243583

■ 4287293951

■ 4288933631

■ 4290638847

■ 4292278271

■ 4293983487

4294967295

Harmonies

Analogous

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



4282769117



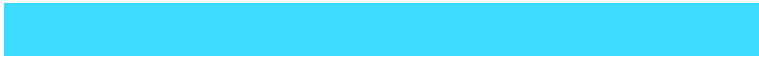
4282244095



4285912063

Triad

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



4282244095



4294946782



4291808895

Complementary

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



4282244095



4294926653

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.



4294164864



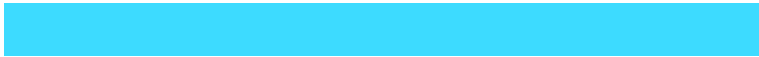
4282244095



4294946231

Square

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



4282244095



4293376511



4294947989



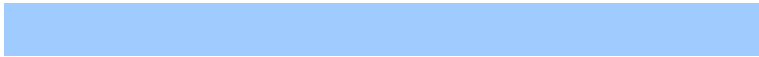
4288993171

Rectangle

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



4282244095



4288662527



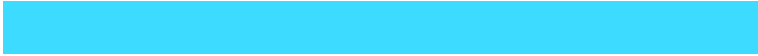
4294947989



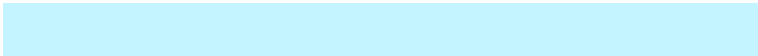
4292659837

Sweetspot

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



4282244095



4291097855



4282253153



4284250496



4278190080



4286611584

Same Dimension

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



4282244095



4279751935



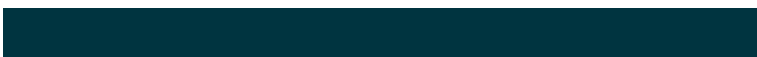
4282219263



4285758848



4278230207



4278203456

Inverse Universe

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



4294917595



4294907860



4294951485



4286608253



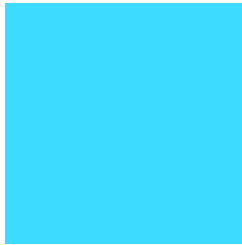
4290707612



4282384436

Previews

White Background



This preview shows how the Android color 4282244095 looks on a white background.

Color Contrast Check

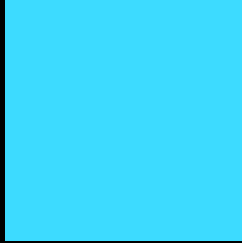
Large Text (above 18pt) WCAG AA × Fail

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 4282244095 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 4282244095 Background



This preview shows how black text looks on a background with the Android color 4282244095.



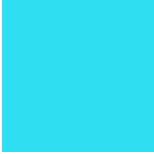
This preview shows how white text looks on a background with the Android color 4282244095.

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
4281327344

Trichromacy



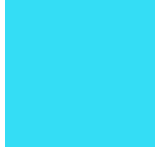
Original Color
4282244095



Protanomaly
4287680245



Deuteranomaly
4287548927

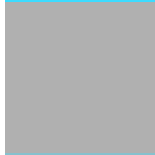


Tritanomaly
4281654773

Monochromacy



Original Color
4282244095



Achromatopsia
4289769648



Achromatomaly
4287021261

CSS Examples

Text

The CSS property to change the color of the text to Android 4282244095 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(61, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(61, 219, 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(61, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 219, 255) }
```

Border

The CSS property to change the border of an element to Android 4282244095 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(61, 219, 255) }
```

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

```
.border{ border-color:rgb(61, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(61, 219,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4282244095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 219, 255) }
```

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

```
.background{ background-color: rgb(61, 219,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor