

# Converting Colors

Android(4282243583)

Have a look what the booklet for  
Android(4282243583) contains.

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# **Color**

**Android(4282243583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DD9FF
RGB	61, 217, 255
RGB Percent	24%, 85%, 100%
CMY	0.7608, 0.1490, 0.0000
CMYK	0.76, 0.15, 0.00, 0.00
HSL	192°, 100%, 62%
HSV	192°, 76%, 100%
XYZ	44.7873, 57.8378, 103.4110
YIQ	174.6880, -105.1740, -21.2540

# Conversions

## Conversions Part 2

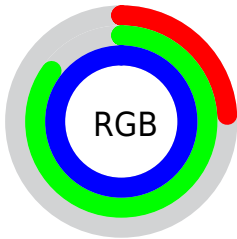
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 147, 255
Decimal	4053503
CIELab	80.65, -27.51, -29.96
CIELCh	81, 40.669, 227.442
Yxy	57.8378, 0.2174, 0.2807
Android (android.graphics.Color)	4282243583 (0xFF3DD9FF)
YUV	174.6880, 39.5938, -99.7044
Hunter-Lab	76.0512, -27.9691, -27.3841

# Details

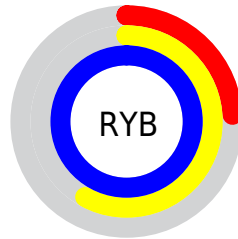
The Android color `4282243583` is a light color, and the websafe version is hex `00CCFF`. The color can be described as light washed cyan. A complement of this color would be `4294927165`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4287168511`, and `4278231750` is the 20% darker color. If you saturate the color by 10%, you get `4280538367`, and if you desaturate by 10%, it is `4283948799`.

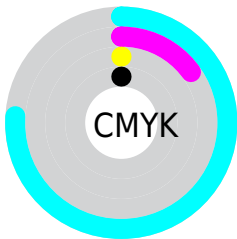
# Distribution



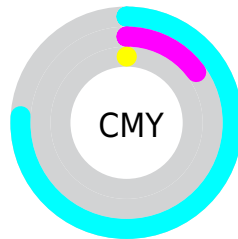
- Red (24%)
- Green (85%)
- Blue (100%)



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



- Cyan (76%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (15%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282243583 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 4282243583 by changing the saturation by 10% instead.



 4282243583

 4282243583

4294967295

 4278238690

 4287168511

 4278231750

 4289265663

 4278224811

 4291362815

 4278218384

 4293459967

 4278211958

 4278205790

 4278200390

 4278192175

 4278190362

■ 4282243583

■ 4282243583

■ 4280538367

■ 4283948799

■ 4278898687

■ 4285588479

■ 4278242815

■ 4287293695

■ 4288933375

■ 4290638591

■ 4292278271

■ 4293983487

4294967295

# Harmonies

## Analogous

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



4282441182



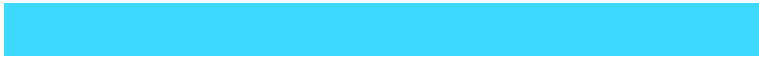
4282243583



4286042623

# Triad

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



4282243583



4294946266



4291546495

# Complementary

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



4282243583



4294927165

# 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.



4293967998



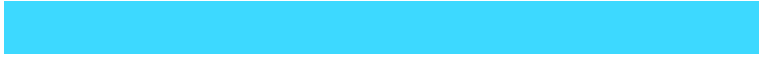
4282243583



4294945971

# Square

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



4282243583



4293441276



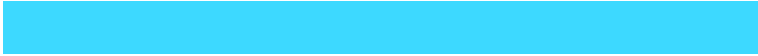
4294947986



4288730771

# Rectangle

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



4282243583



4288858623



4294947986



4292397436

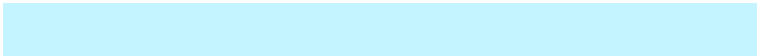


# Sweetspot

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



4282243583



4291097855



4282253153



4284250496



4278190080



4286611584

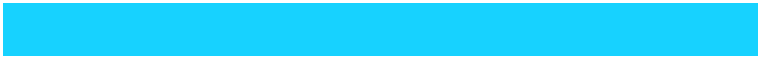


# Same Dimension

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



4282243583



4279751423



4282219263



4285758848



4278229695



4278203200



# Inverse Universe

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



4294917593



4294907858



4294951485



4286608253



4290707610

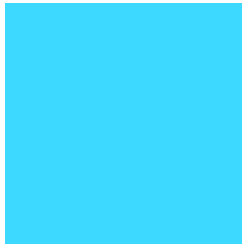


4282384435



# Previews

## White Background



This preview shows how the Android color 4282243583 looks on a white background.

## Color Contrast Check

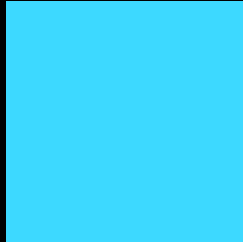
Large Text (above 18pt) WCAG AA × Fail

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 4282243583 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 4282243583 Background



This preview shows how black text looks on a background with the Android color 4282243583.



This preview shows how white text looks on a background with the Android color 4282243583.

# 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





# Trichromacy



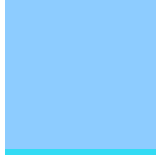
**Original Color**

4282243583



**Protanomaly**

4287548662



**Deuteranomaly**

4287483135



**Tritanomaly**

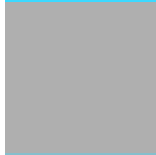
4281588724

# Monochromacy



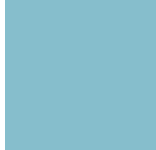
**Original Color**

4282243583



**Achromatopsia**

4289703855



**Achromatomaly**

4287020748

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282243583 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, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(61, 217, 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, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 217, 255) }
```

## Border

The CSS property to change the border of an element to Android 4282243583 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, 217, 255) }
```

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

```
.border{ border-color:rgb(61, 217, 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, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(61, 217,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4282243583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 217, 255) }
```

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

```
.background{ background-color: rgb(61, 217,  
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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