

# Converting Colors

Android(4278242815)

Have a look what the booklet for  
Android(4278242815) contains.

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**Color**

**Android(4278242815)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CDFF
RGB	0, 205, 255
RGB Percent	0%, 80%, 100%
CMY	1.0000, 0.1961, 0.0000
CMYK	1.00, 0.20, 0.00, 0.00
HSL	192°, 100%, 50%
HSV	192°, 100%, 100%
XYZ	39.8813, 50.8826, 102.3271
YIQ	149.4050, -138.2300, -27.9100

# Conversions

## Conversions Part 2

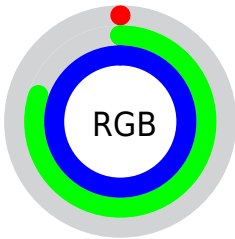
Format	Color
<a href="#">RYB</a>	0, 114, 255
Decimal	52735
CIELab	76.61, -24.85, -36.23
CIELCh	77, 43.936, 235.559
Yxy	50.8826, 0.2065, 0.2635
Android (android.graphics.Color)	4278242815 (0xFF00CDFF)
YUV	149.4050, 52.0583, -131.0282
Hunter-Lab	71.3321, -25.0329, -35.1201

# Details

The Android color `4278242815` is a light color, and the websafe version is hex `00CCFF`. The color can be described as light saturated cyan. A complement of this color would be `4294914560`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4285792255`, and `4278228934` is the 20% darker color. If you saturate the color by 10%, you get `4278242815`, and if you desaturate by 10%, it is `4279882495`.

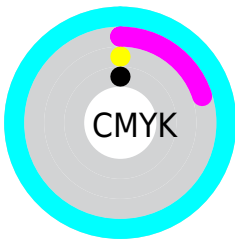
# Distribution



- Red (0%)
- Green (80%)
- Blue (100%)



- Red (0%)
- Yellow (45%)
- Blue (100%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278242815 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 4278242815 by changing the saturation by 10% instead.





4278242815



4278242815

4294967295



4278235618



4285792255



4278228934



4288020479



4278222251



4290183167



4278215568



4292345855



4278209398



4294443007



4278203485



4278198597




4278191151



4278190361

 4278242815

 4279882495

 4281587711

 4283292927

 4284932607

 4286637823

 4288277503

 4289982719

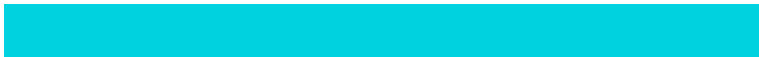
 4291622399

 4293327615

# Harmonies

## Analogous

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



4278244063



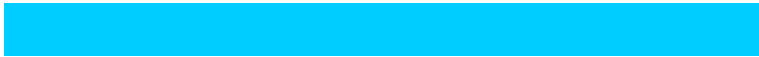
4278242815



4285842431

# Triad

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



4278242815



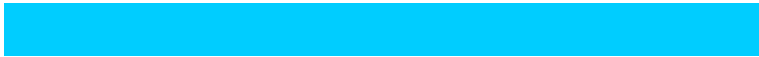
4294942149



4290037106

# Complementary

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



4278242815



4294914560

# 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.



4292721003



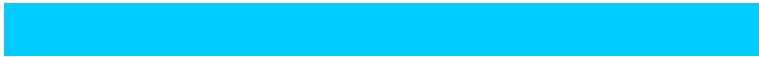
4278242815



4294942620

# Square

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



4278242815



4293568236



4294683259



4286893710

# Rectangle

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



4278242815



4288920319



4294683259

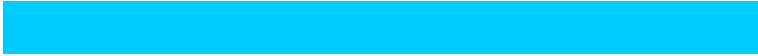


4290953581



# Sweetspot

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



4278242815



4289982719



4278255407



4283594368



4278190080



4286611584



# Same Dimension

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



4278242815



4278211071



4285758848



4278229695



4278203200

# Inverse Universe

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



4294901965



4294946304



4286608253



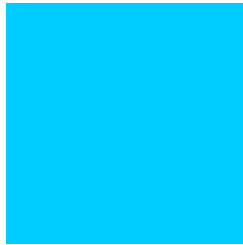
4290707610



4282384435

# Previews

## White Background



This preview shows how the Android color 4278242815 looks on a white background.

## Color Contrast Check

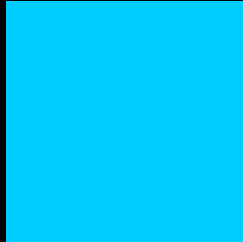
Large Text (above 18pt) WCAG AA × Fail

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 4278242815 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 4278242815 Background



This preview shows how black text looks on a background with the Android color 4278242815.

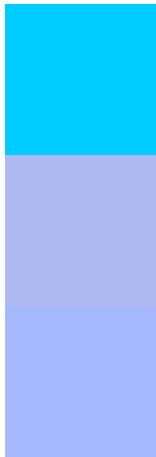


This preview shows how white text looks on a background with the Android color 4278242815.

# 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

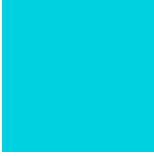


**Original Color**  
4278242815

**Protanopia**  
4289575408

**Deuteranopia**  
4289116671





**Tritanopia**  
4278243809

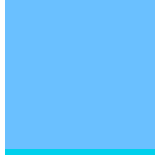
# Trichromacy



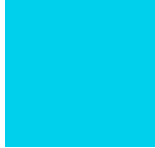
**Original Color**  
4278242815



**Protanomaly**  
4285448437



**Deuteranomaly**  
4285186303



**Tritanomaly**  
4278243564

# Monochromacy



**Original Color**  
4278242815



**Achromatopsia**  
4287993237



**Achromatomaly**  
4284459452

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278242815 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(0, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 205, 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(0, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 205, 255) }
```

## Border

The CSS property to change the border of an element to Android 4278242815 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(0, 205, 255) }
```

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

```
.border{ border-color:rgb(0, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 205,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4278242815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 205, 255) }
```

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

```
.background{ background-color: rgb(0, 205,  
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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