

# Converting Colors

Android(4278445555)

Have a look what the booklet for  
Android(4278445555) contains.

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**Color**

**Android(4278445555)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03E5F3
RGB	3, 229, 243
RGB Percent	1%, 90%, 95%
CMY	0.9882, 0.1020, 0.0471
CMYK	0.99, 0.06, 0.00, 0.05
HSL	184°, 98%, 48%
HSV	184°, 99%, 95%
XYZ	44.2345, 62.5290, 94.5319
YIQ	163.0220, -139.1900, -43.5580

# Conversions

## Conversions Part 2

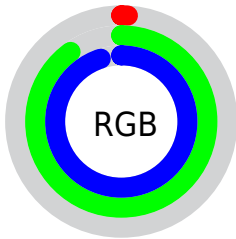
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	3, 119, 243
Decimal	255475
CIE Lab	83.19, -40.08, -19.77
CIE LCh	83, 44.696, 206.255
Yxy	62.5290, 0.2197, 0.3106
Android (android.graphics.Color)	4278445555 (0xFF03E5F3)
YUV	163.0220, 39.4292, -140.3393
Hunter-Lab	79.0753, -38.5294, -15.5265

# Details

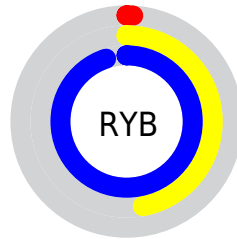
The Android color `4278445555` is a light color, and the websafe version is hex `00CCCC`. The color can be described as light saturated cyan. A complement of this color would be `4294119683`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4285857791`, and `4278234555` is the 20% darker color. If you saturate the color by 10%, you get `4278248947`, and if you desaturate by 10%, it is `4280018675`.

# Distribution



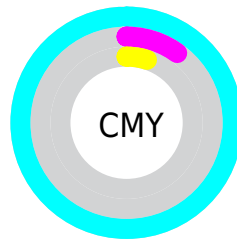
- Red (1%)
- Green (90%)
- Blue (95%)



- Red (1%)
- Yellow (47%)
- Blue (95%)



- Cyan (99%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (99%)
- Magenta (10%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278445555 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 4278445555 by changing the saturation by 10% instead.





4278445555



4278445555

4294967295



4278241751



4285857791



4278234555



4288151551



4278227616



4290314239



4278220934



4292411391



4278214252



4294574079



4278207828



4278202173



4278195495



4278190354

■ 4278445555

■ 4278445555

■ 4278248947

■ 4280018675

■ 4281657587

■ 4283230707

■ 4284804083

■ 4286377203

■ 4288016115

■ 4289589235

■ 4291162355

■ 4292801267

# Harmonies

## Analogous

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



4284081608



4278445555



4281721087

# Triad

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



4278445555



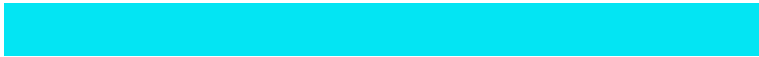
4294948863



4293970811

# Complementary

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



4278445555



4294119683

# 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.



4294950027



4278445555



4294946774

# Square

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



4278445555



4291610367



4294947244



4291156098

# Rectangle

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



4278445555



4285454847



4294947244



4294755966



# Sweetspot

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



4278445555



4289985535



4278448911



4283596160



4278190080



4286611584



# Same Dimension

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



4278445555



4278251775



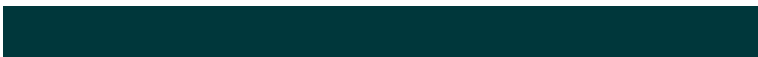
4278415347



4285430394



4278235066



4278204219



# Inverse Universe

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



4294116325



4294902000



4294149891



4286213754



4290379951

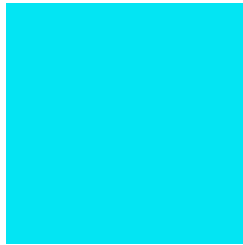


4282056759



# Previews

## White Background



This preview shows how the Android color 4278445555 looks on a white background.

## Color Contrast Check

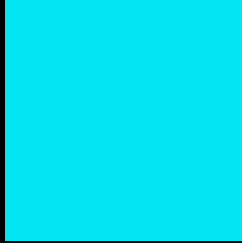
Large Text (above 18pt) WCAG AA × Fail

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 4278445555 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 4278445555 Background



This preview shows how black text looks on a background with the Android color 4278445555.

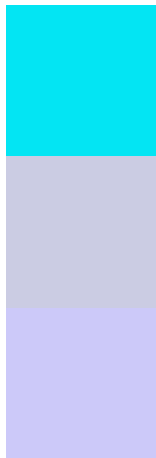


This preview shows how white text looks on a background with the Android color 4278445555.

# 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**  
4278445555

**Protanopia**  
4291546339

**Deuteranopia**  
4291611129



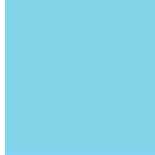
**Tritanopia**  
4279756023

# Trichromacy



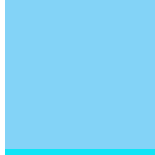
**Original Color**

4278445555



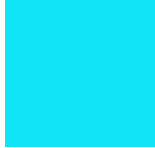
**Protanomaly**

4286764521



**Deuteranomaly**

4286829559



**Tritanomaly**

4279297270

# Monochromacy



**Original Color**

4278445555



**Achromatopsia**

4288914339



**Achromatomaly**

4285119424

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278445555 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(3, 229, 243)` looks like.

```
.text, #text, p{  
    color:rgb(3, 229, 243)  
}
```

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(3, 229, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 229, 243) }
```

## Border

The CSS property to change the border of an element to Android 4278445555 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(3, 229, 243) }
```

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

```
.border{ border-color:rgb(3, 229, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 229, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 229, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 229, 243);  
box-shadow:4px 4px 4px 4px rgb(3, 229,  
243) }
```

# Background

The CSS property to change the background color of an element to Android 4278445555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 229, 243) }
```

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

```
.background{ background-color: rgb(3, 229,  
243) }
```

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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