

Converting Colors

Android(4278696959)

Have a look what the booklet for
Android(4278696959) contains.

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Color

Android(4278696959)

Conversions

Conversions Part 1

Format	Color
Hex	07BBFF
RGB	7, 187, 255
RGB Percent	3%, 73%, 100%
CMY	0.9725, 0.2667, 0.0000
CMYK	0.97, 0.27, 0.00, 0.00
HSL	196°, 100%, 51%
HSV	196°, 97%, 100%
XYZ	35.9079, 42.8058, 100.9775
YIQ	140.9320, -129.1080, -17.0120

Conversions

Conversions Part 2

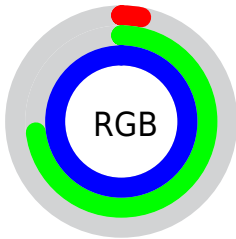
Format	Color
RYB	7, 111, 255
Decimal	506879
CIELab	71.42, -15.37, -44.31
CIELCh	71, 46.898, 250.871
Yxy	42.8058, 0.1998, 0.2382
Android (android.graphics.Color)	4278696959 (0xFF07BBFF)
YUV	140.9320, 56.2355, -117.4584
Hunter-Lab	65.4262, -16.5293, -45.7088

Details

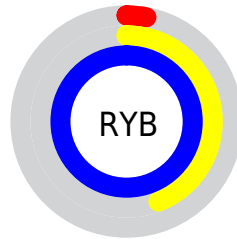
The Android color `4278696959` is a dark color, and the websafe version is hex `33CCFF`. The color can be described as middle saturated azure. A complement of this color would be `4294920967`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4285723647`, and `4278224582` is the 20% darker color. If you saturate the color by 10%, you get `4278237695`, and if you desaturate by 10%, it is `4280402687`.

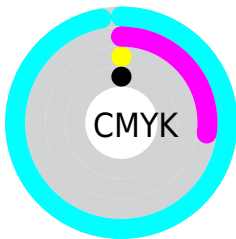
Distribution



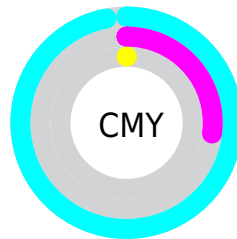
- Red (3%)
- Green (73%)
- Blue (100%)



- Red (3%)
- Yellow (44%)
- Blue (100%)



- Cyan (97%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (97%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278696959 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 4278696959 by changing the saturation by 10% instead.

 4278696959

 4278696959

4294967295

 4278231266

 4285723647

 4278224582

 4288020479

 4278218154

 4290117631

 4278211728

 4292214783

 4278205814

 4294311935

 4278200413

 4278194245

 4278190894

 4278190360

■ 4278696959

■ 4278696959

■ 4278237695

■ 4280402687

■ 4282042879

■ 4283748607

■ 4285388799

■ 4287094527

■ 4288734719

■ 4290440447

■ 4292080639

■ 4293786367

Harmonies

Analogous

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



4278240230



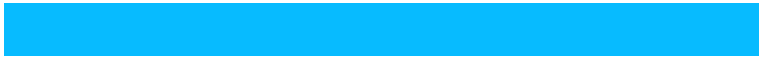
4278696959



4287016703

Triad

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



4278696959



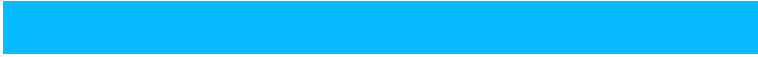
4294937761



4287348076

Complementary

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



4278696959



4294920967

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.



4290425177



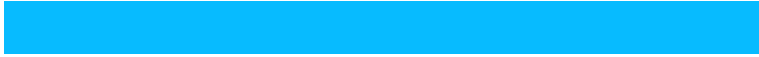
4278696959



4294546553

Square

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



4278696959



4293955788



4292911966



4283483025

Rectangle

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



4278696959



4290028536



4292911966



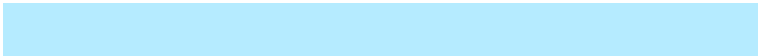
4288461155

Sweetspot

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



4278696959



4290112511



4278714185



4283659136



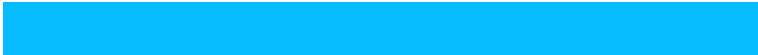
4278190080



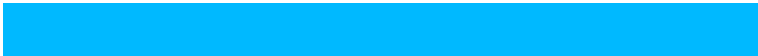
4286611584

Same Dimension

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



4278696959



4278237695



4278665727



4285758592



4278225855



4278201920

Inverse Universe

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



4294903739



4294901945



4294952199



4286608252



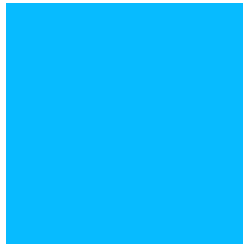
4290707595



4282384430

Previews

White Background



This preview shows how the Android color 4278696959 looks on a white background.

Color Contrast Check

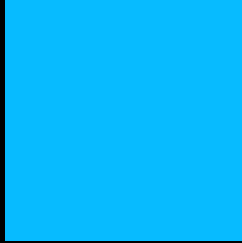
Large Text (above 18pt) WCAG AA × Fail

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 4278696959 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 4278696959 Background



This preview shows how black text looks on a background with the Android color 4278696959.

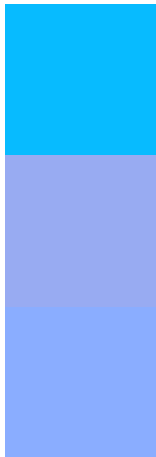


This preview shows how white text looks on a background with the Android color 4278696959.

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
4278696959

Protanopia
4288195570

Deuteranopia
4287278591

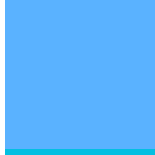
Trichromacy



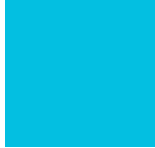
Original Color
4278696959



Protanomaly
4284723703



Deuteranomaly
4284134143



Tritanomaly
4278435809

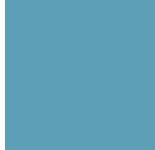
Monochromacy



Original Color
4278696959



Achromatopsia
4287466893



Achromatomaly
4284260022

CSS Examples

Text

The CSS property to change the color of the text to Android 4278696959 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(7, 187, 255)` looks like.

```
.text, #text, p{  
    color:rgb(7, 187, 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(7, 187, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 187, 255) }
```

Border

The CSS property to change the border of an element to Android 4278696959 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(7, 187, 255) }
```

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

```
.border{ border-color:rgb(7, 187, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 187, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 187, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 187, 255);  
box-shadow:4px 4px 4px 4px rgb(7, 187,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4278696959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 187, 255) }
```

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

```
.background{ background-color: rgb(7, 187,  
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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