

Converting Colors

Android(4278237695)

Have a look what the booklet for
Android(4278237695) contains.

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Color

Android(4278237695)

Conversions

Conversions Part 1

Format	Color
Hex	00B9FF
RGB	0, 185, 255
RGB Percent	0%, 73%, 100%
CMY	1.0000, 0.2745, 0.0000
CMYK	1.00, 0.27, 0.00, 0.00
HSL	196°, 100%, 50%
HSV	196°, 100%, 100%
XYZ	35.3990, 41.9179, 100.8330
YIQ	137.6650, -132.7300, -17.4500

Conversions

Conversions Part 2

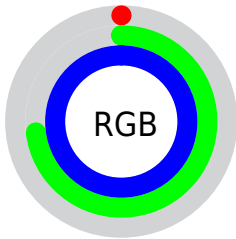
Format	Color
RYB	0, 107, 255
Decimal	47615
CIELab	70.81, -14.46, -45.26
CIELCh	71, 47.518, 252.283
Yxy	41.9179, 0.1987, 0.2353
Android (android.graphics.Color)	4278237695 (0xFF00B9FF)
YUV	137.6650, 57.8462, -120.7322
Hunter-Lab	64.7441, -15.7068, -47.0180

Details

The Android color **4278237695** 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 **4294919680**, and the grayscale version is **4287203721**.

A 20% lighter version of the original color is **4285657599**, and **4278224070** is the 20% darker color. If you saturate the color by 10%, you get **4278237695**, and if you desaturate by 10%, it is **4279877887**.

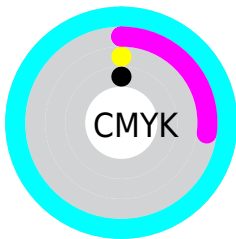
Distribution



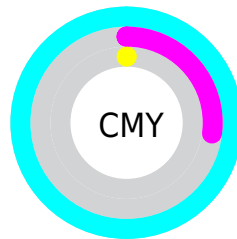
- Red (0%)
- Green (73%)
- Blue (100%)



- Red (0%)
- Yellow (42%)
- Blue (100%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278237695 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 4278237695 by changing the saturation by 10% instead.



4278237695



4278237695

4294967295



4278230754



4285657599



4278224070



4287889407



4278217642



4290052095



4278211472



4292149247



4278205558



4294246399



4278200156



4278193477




4278190893



4278190360

 4278237695

 4279877887

 4281583615


 4283289343

 4284929535

 4286635263

 4288275455

 4289981183

 4291621375

 4293327103

Harmonies

Analogous

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



4278239718



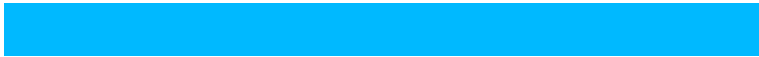
4278237695



4287081727

Triad

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



4278237695



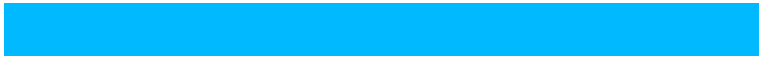
4294937245



4287085419

Complementary

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



4278237695



4294919680

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.



4290163030



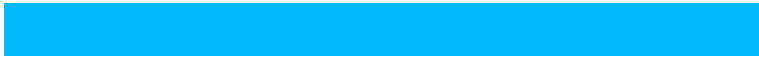
4278237695



4294480757

Square

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



4278237695



4293955017



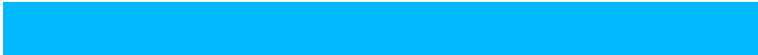
4292715098



4282958481

Rectangle

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



4278237695



4290093559



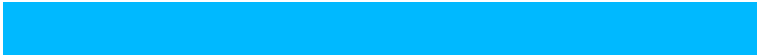
4292715098



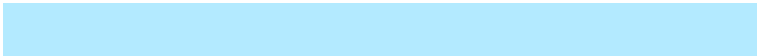
4288198754

Sweetspot

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



4278237695



4289981183



4278255428



4283593600



4278190080



4286611584

Same Dimension

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



4278237695



4278205695



4285758592



4278225855



4278201920

Inverse Universe

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



4294901945



4294951680



4286608252



4290707595



4282384430

Previews

White Background



This preview shows how the Android color 4278237695 looks on a white background.

Color Contrast Check

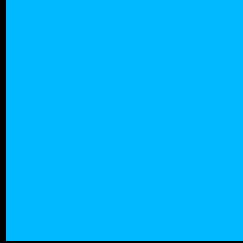
Large Text (above 18pt) WCAG AA × Fail

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 4278237695 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 4278237695 Background



This preview shows how black text looks on a background with the Android color 4278237695.



This preview shows how white text looks on a background with the Android color 4278237695.

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



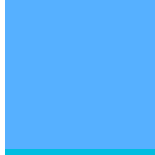
Original Color

4278237695



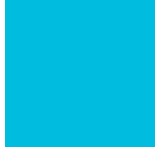
Protanomaly

4284461047



Deuteranomaly

4283871487



Tritanomaly

4278238688

Monochromacy



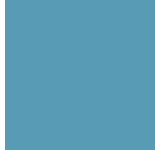
Original Color

4278237695



Achromatopsia

4287269514



Achromatomaly

4283997109

CSS Examples

Text

The CSS property to change the color of the text to Android 4278237695 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, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 185, 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, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 185, 255) }
```

Border

The CSS property to change the border of an element to Android 4278237695 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, 185, 255) }
```

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

```
.border{ border-color:rgb(0, 185, 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, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 185,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4278237695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 185, 255) }
```

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

```
.background{ background-color: rgb(0, 185,  
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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