

Converting Colors

Android(4278228991)

Have a look what the booklet for
Android(4278228991) contains.

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Color

Android(4278228991)

Conversions

Conversions Part 1

Format	Color
Hex	0097FF
RGB	0, 151, 255
RGB Percent	0%, 59%, 100%
CMY	1.0000, 0.4078, 0.0000
CMYK	1.00, 0.41, 0.00, 0.00
HSL	204°, 100%, 50%
HSV	204°, 100%, 100%
XYZ	29.1166, 29.3532, 98.7389
YIQ	117.7070, -123.3800, 0.3320

Conversions

Conversions Part 2

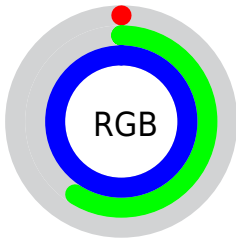
Format	Color
R _{YB}	0, 95, 255
Decimal	38911
CIE Lab	61.09, 4.76, -60.67
CIE LCh	61, 60.855, 274.490
Yxy	29.3532, 0.1852, 0.1867
Android (android.graphics.Color)	4278228991 (0xFF0097FF)
YUV	117.7070, 67.6854, -103.2290
Hunter-Lab	54.1786, 1.1167, -70.1292

Details

The Android color `4278228991` is a dark color, and the websafe version is hex `0099FF`. The color can be described as middle saturated azure. A complement of this color would be `4294928384`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4285582847`, and `4278216134` is the 20% darker color. If you saturate the color by 10%, you get `4278228991`, and if you desaturate by 10%, it is `4279869951`.

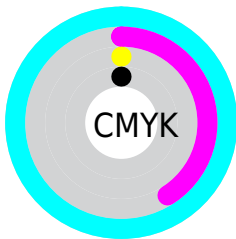
Distribution



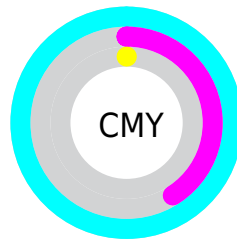
- Red (0%)
- Green (59%)
- Blue (100%)



- Red (0%)
- Yellow (37%)
- Blue (100%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278228991 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 4278228991 by changing the saturation by 10% instead.

 4278228991

 4278228991

4294967295

 4278222306

 4285582847

 4278216134

 4287818239

 4278210218

 4289986559

 4278204559

 4292083711

 4278199413

 4294180863

 4278193499


 4278191939

 4278190892

 4278190358

 4278228991

 4279869951

 4281576703

 4283283199

 4284924415

 4286630911

 4288271871

 4289978623

 4291619583

 4293326335

Harmonies

Analogous

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



4278232564



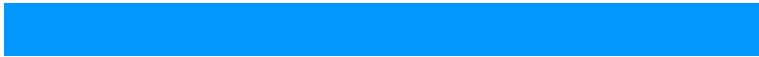
4278228991



4288643821

Triad

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



4278228991



4293880410



4278233699

Complementary

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



4278228991



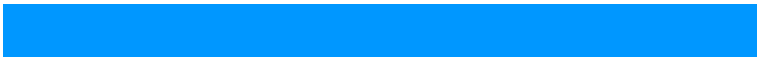
4294928384

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.



4285571635



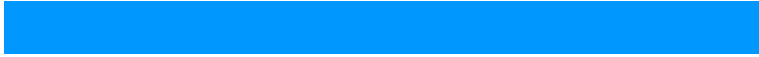
4278228991



4292050735

Square

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



4278228991



4294205326



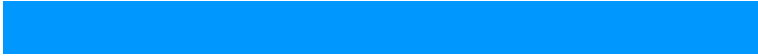
4289172248



4278234522

Rectangle

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



4278228991



4291523283



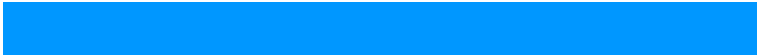
4289172248



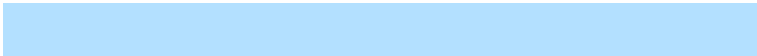
4282034257

Sweetspot

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



4278228991



4289978623



4278255462



4283592064



4278190080



4286611584

Same Dimension

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



4278228991



4278196735



4285758080



4278219199



4278199872

Inverse Universe

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



4294901911



4294960384



4286608250



4290707569



4282384422

Previews

White Background



This preview shows how the Android color 4278228991 looks on a white background.

Color Contrast Check

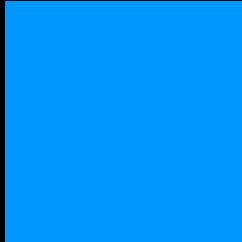
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278228991 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

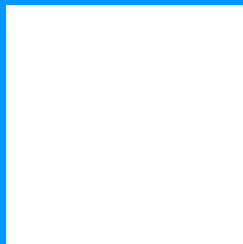
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278228991 Background



This preview shows how black text looks on a background with the Android color 4278228991.



This preview shows how white text looks on a background with the Android color 4278228991.

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](#).

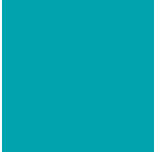
Dichromacy



Original Color
4278228991

Protanopia
4284911607

Deuteranopia
4282029311



Trichromacy



Original Color
4278228991

Protanomaly
4282487546

Deuteranomaly
4280653311

Tritanomaly
4278230987

Monochromacy



Original Color
4278228991

Achromatopsia
4285953654

Achromatomaly
4283138728

CSS Examples

Text

The CSS property to change the color of the text to Android 4278228991 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, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 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, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 255) }
```

Border

The CSS property to change the border of an element to Android 4278228991 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, 151, 255) }
```

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

```
.border{ border-color:rgb(0, 151, 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, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4278228991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 255) }
```

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

```
.background{ background-color: rgb(0, 151,  
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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