

Converting Colors

Android(4279019007)

Have a look what the booklet for
Android(4279019007) contains.

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Color

Android(4279019007)

Conversions

Conversions Part 1

Format	Color
Hex	0CA5FF
RGB	12, 165, 255
RGB Percent	5%, 65%, 100%
CMY	0.9529, 0.3529, 0.0000
CMYK	0.95, 0.35, 0.00, 0.00
HSL	202°, 100%, 52%
HSV	202°, 95%, 100%
XYZ	31.6568, 34.2084, 99.5421
YIQ	129.5130, -120.0780, -4.4460

Conversions

Conversions Part 2

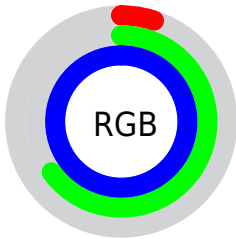
Format	Color
R _Y B	12, 106, 255
Decimal	828927
CIE Lab	65.13, -3.10, -54.23
CIE LCh	65, 54.322, 266.728
Yxy	34.2084, 0.1914, 0.2068
Android (android.graphics.Color)	4279019007 (0xFF0CA5FF)
YUV	129.5130, 61.8651, -103.0589
Hunter-Lab	58.4880, -5.7404, -59.9655

Details

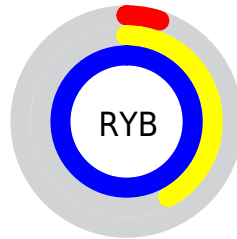
The Android color `4279019007` is a dark color, and the websafe version is hex `0099FF`. The color can be described as middle saturated azure. A complement of this color would be `4294927884`, and the grayscale version is `4286677377`.

A 20% lighter version of the original color is `4285717759`, and `4278219462` is the 20% darker color. If you saturate the color by 10%, you get `4278231551`, and if you desaturate by 10%, it is `4280725247`.

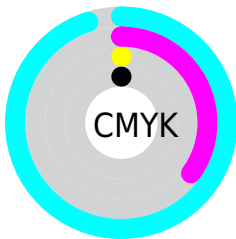
Distribution



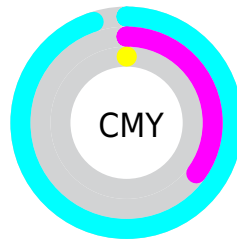
- Red (5%)
- Green (65%)
- Blue (100%)



- Red (5%)
- Yellow (42%)
- Blue (100%)



- Cyan (95%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (95%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279019007 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 4279019007 by changing the saturation by 10% instead.

 4279019007

 4279019007

4294967295

 4278225890

 4285717759

 4278219462

 4287953151

 4278213290

 4290052095

 4278207375

 4292149247

 4278201717

 4294246399

 4278196828

 4278191939

 4278190892

 4278190359

■ 4279019007

■ 4279019007

■ 4278231551

■ 4280725247

■ 4282366207

■ 4284072447

■ 4285713407

■ 4287419647

■ 4289060607

■ 4290766847

■ 4292407807

■ 4294114047

Harmonies

Analogous

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



4278235375



4279019007



4288123893

Triad

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



4279019007



4294342517



4283412838

Complementary

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



4279019007



4294927884

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.



4287539266



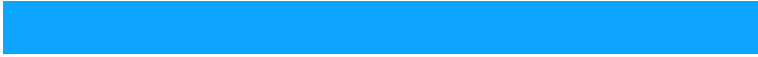
4279019007



4293035853

Square

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



4279019007



4294144933



4290681400



4278236823

Rectangle

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



4279019007



4291069665



4290681400



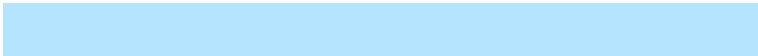
4284985176

Sweetspot

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



4279019007



4290110719



4279041893



4283658112



4278190080



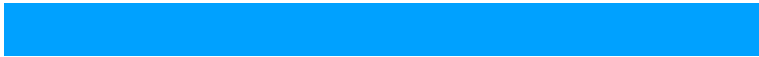
4286611584

Same Dimension

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



4279019007



4278231551



4278988031



4285758336



4278220991



4278200384

Inverse Universe

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



4294904997



4294901921



4294958860



4286608251



4290707576



4282384424

Previews

White Background



This preview shows how the Android color 4279019007 looks on a white background.

Color Contrast Check

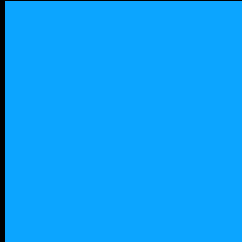
Large Text (above 18pt) WCAG AA × Fail

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 4279019007 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

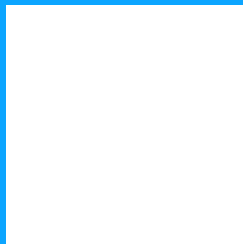
Any Text WCAG AAA ✓ Pass

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

Android 4279019007 Background



This preview shows how black text looks on a background with the Android color 4279019007.



This preview shows how white text looks on a background with the Android color 4279019007.

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
4279019007

Protanopia
4286290677

Deuteranopia
4284522239

Trichromacy



Original Color
4279019007

Protanomaly
4283670265

Deuteranomaly
4282491391

Tritanomaly
4278496212

Monochromacy



Original Color
4279019007

Achromatopsia
4286743170

Achromatomaly
4283928495

CSS Examples

Text

The CSS property to change the color of the text to Android 4279019007 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(12, 165, 255)` looks like.

```
.text, #text, p{  
    color:rgb(12, 165, 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(12, 165, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 165, 255) }
```

Border

The CSS property to change the border of an element to Android 4279019007 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(12, 165, 255) }
```

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

```
.border{ border-color:rgb(12, 165, 255) }
```

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

Here you see how a box with a 4 pixel rgb(12, 165, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 165, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 165, 255);  
box-shadow:4px 4px 4px 4px rgb(12, 165,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4279019007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 165, 255) }
```

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

```
.background{ background-color: rgb(12, 165,  
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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