

Converting Colors

Android(4279010511)

Have a look what the booklet for
Android(4279010511) contains.

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Color

Android(4279010511)

Conversions

Conversions Part 1

Format	Color
Hex	0C84CF
RGB	12, 132, 207
RGB Percent	5%, 52%, 81%
CMY	0.9529, 0.4824, 0.1882
CMYK	0.94, 0.36, 0.00, 0.19
HSL	203°, 89%, 43%
HSV	203°, 94%, 81%
XYZ	19.6654, 21.0857, 62.0650
YIQ	104.6700, -95.5950, -2.1150

Conversions

Conversions Part 2

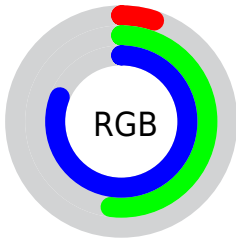
Format	Color
R_{YB}	12, 86, 207
Decimal	820431
CIE _{Lab}	53.04, -1.87, -46.79
CIE _{LCh}	53, 46.826, 267.708
Yxy	21.0857, 0.1913, 0.2051
Android (android.graphics.Color)	4279010511 (0xFF0C84CF)
YUV	104.6700, 50.4487, -81.2716
Hunter-Lab	45.9192, -3.9140, -47.9938

Details

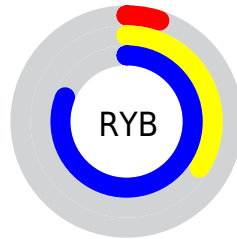
The Android color `4279010511` is a dark color, and the websafe version is hex `0099FF`. The color can be described as dark washed azure. A complement of this color would be `4291778316`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284922367`, and `4278211480` is the 20% darker color. If you saturate the color by 10%, you get `4278222799`, and if you desaturate by 10%, it is `4280388815`.

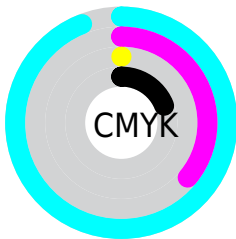
Distribution



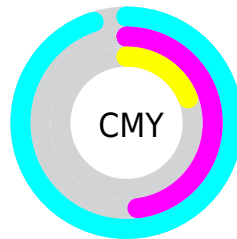
- Red (5%)
- Green (52%)
- Blue (81%)



- Red (5%)
- Yellow (34%)
- Blue (81%)



- Cyan (94%)
- Magenta (36%)
- Yellow (0%)
- Black (19%)



















- Cyan (95%)
- Magenta (48%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279010511 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 4279010511 by changing the saturation by 10% instead.

 4279010511	 4279010511
4294967295	 4278217651
 4284922367	 4278211480
 4287026431	 4278205822
 4288999679	 4278200420
 4291035135	 4278195020
 4293001215	 4278191412
	 4278190622
	 4278190081
	 4278190080

■ 4279010511

■ 4279010511

■ 4278222799

■ 4280388815

■ 4281701583

■ 4283079887

■ 4284458191

■ 4285836495

■ 4287149263

■ 4288527567

■ 4289905871

■ 4291218639

Harmonies

Analogous

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



4278226626



4279010511



4286281158

Triad

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



4279010511



4291256156



4282027858

Complementary

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



4279010511



4291778316

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.



4285564723



4279010511



4290145339

Square

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



4279010511



4291189635



4288183081



4278227578

Rectangle

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



4279010511



4288637621



4288183081



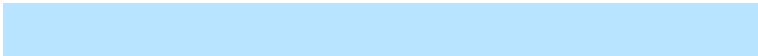
4283403590

Sweetspot

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



4279010511



4290307327



4279029591



4283723648



4278190080



4286611584

Same Dimension

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



4279010511



4278230527



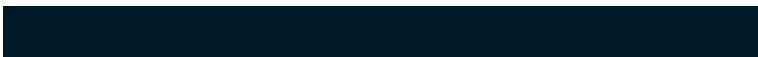
4278985679



4284376425



4278216872



4278196521

Inverse Universe

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



4291759236



4294901917



4291803148



4285095525



4289200232



4280877081

Previews

White Background



This preview shows how the Android color 4279010511 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 4279010511 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 4279010511 Background



This preview shows how black text looks on a background with the Android color 4279010511.



This preview shows how white text looks on a background with the Android color 4279010511.

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
4279010511

Protanomaly
4282547914

Deuteranomaly
4281500112

Tritanomaly
4278487467

Monochromacy



Original Color
4279010511

Achromatopsia
4285098345

Achromatomaly
4282872718

CSS Examples

Text

The CSS property to change the color of the text to Android 4279010511 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, 132, 207)` looks like.

```
.text, #text, p{  
    color:rgb(12, 132, 207)  
}
```

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, 132, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 132, 207) }
```

Border

The CSS property to change the border of an element to Android 4279010511 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, 132, 207) }
```

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

```
.border{ border-color:rgb(12, 132, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 132, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 132, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 132, 207);  
box-shadow:4px 4px 4px 4px rgb(12, 132,  
207) }
```

Background

The CSS property to change the background color of an element to Android 4279010511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 132, 207) }
```

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

```
.background{ background-color: rgb(12, 132,  
207) }
```

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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