

Converting Colors

Android(4279003886)

Have a look what the booklet for
Android(4279003886) contains.

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Color

Android(4279003886)

Conversions

Conversions Part 1

Format	Color
Hex	0C6AEE
RGB	12, 106, 238
RGB Percent	5%, 42%, 93%
CMY	0.9529, 0.5843, 0.0667
CMYK	0.95, 0.55, 0.00, 0.07
HSL	215°, 90%, 49%
HSV	215°, 95%, 93%
XYZ	20.7383, 16.5593, 82.9922
YIQ	92.9420, -98.3960, 21.1240

Conversions

Conversions Part 2

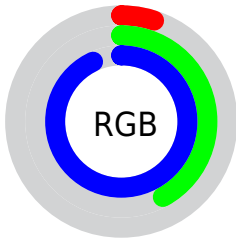
Format	Color
R_{YB}	12, 78, 238
Decimal	813806
CIE _{Lab}	47.70, 26.44, -72.87
CIE _{LCh}	48, 77.515, 289.945
Yxy	16.5593, 0.1724, 0.1377
Android (android.graphics.Color)	4279003886 (0xFF0C6AEE)
YUV	92.9420, 71.5136, -70.9861
Hunter-Lab	40.6931, 19.7554, -92.4347

Details

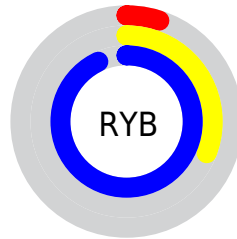
The Android color `4279003886` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark washed azure. A complement of this color would be `4293824524`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4285504767`, and `4278205621` is the 20% darker color. If you saturate the color by 10%, you get `4278215662`, and if you desaturate by 10%, it is `4280580334`.

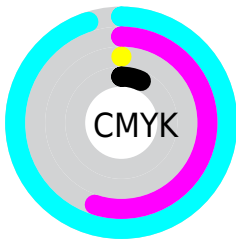
Distribution



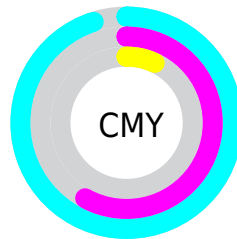
- Red (5%)
- Green (42%)
- Blue (93%)



- Red (5%)
- Yellow (31%)
- Blue (93%)



- Cyan (95%)
- Magenta (55%)
- Yellow (0%)
- Black (7%)



- Cyan (95%)
- Magenta (58%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279003886 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 4279003886 by changing the saturation by 10% instead.

 4279003886

 4279003886

4294967295

 4278211281

 4285504767

 4278205621

 4287674367

 4278200473

 4289778687

 4278196095

 4291883007

 4278191205

 4293918719

 4278192460

 4278191156

 4278190622

 4278190080

■ 4279003886

■ 4279003886

■ 4278215662

■ 4280580334

■ 4282156782

■ 4283667694

■ 4285244142

■ 4286820590

■ 4288396782

■ 4289973230

■ 4291484142

■ 4293060590

Harmonies

Analogous

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



4278223092



4279003886



4289152455

Triad

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



4279003886



4291314944



4278225752

Complementary

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



4279003886



4293824524

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.



4278224389



4279003886



4288440064

Square

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



4279003886



4292808521



4284578560



4278226332

Rectangle

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



4279003886



4291568288



4284578560



4278225473

Sweetspot

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



4279003886



4290303487



4279037584



4283721344



4278190080



4286611584

Same Dimension

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



4279003886



4278217471



4280225006



4285297016



4278209720



4278196024

Inverse Universe

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



4293790826



4294901866



4292603404



4286082161



4290248780



4281860119

Previews

White Background



This preview shows how the Android color 4279003886 looks on a white background.

Color Contrast Check

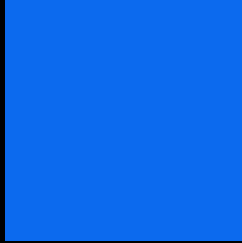
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4279003886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

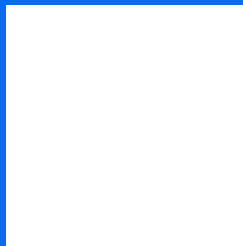
Any Text WCAG AAA × Fail

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

Android 4279003886 Background



This preview shows how black text looks on a background with the Android color 4279003886.



This preview shows how white text looks on a background with the Android color 4279003886.

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
4279003886

Protanopia
4278217958

Deuteranopia
4278219718

Trichromacy



Original Color
4279003886

Protanomaly
4278479849

Deuteranomaly
4278481109

Tritanomaly
4278482603

Monochromacy



Original Color
4279003886

Achromatopsia
4284308829

Achromatomaly
4282409618

CSS Examples

Text

The CSS property to change the color of the text to Android 4279003886 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, 106, 238)` looks like.

```
.text, #text, p{  
    color:rgb(12, 106, 238)  
}
```

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, 106, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 106, 238) }
```

Border

The CSS property to change the border of an element to Android 4279003886 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, 106, 238) }
```

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

```
.border{ border-color:rgb(12, 106, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 106, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 106, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 106, 238);  
box-shadow:4px 4px 4px 4px rgb(12, 106,  
238) }
```

Background

The CSS property to change the background color of an element to Android 4279003886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 106, 238) }
```

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

```
.background{ background-color: rgb(12, 106,  
238) }
```

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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