

Converting Colors

Android(4279066354)

Have a look what the booklet for
Android(4279066354) contains.

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Color

Android(4279066354)

Conversions

Conversions Part 1

Format	Color
Hex	0D5EF2
RGB	13, 94, 242
RGB Percent	5%, 37%, 95%
CMY	0.9490, 0.6314, 0.0510
CMYK	0.95, 0.61, 0.00, 0.05
HSL	219°, 90%, 50%
HSV	219°, 95%, 95%
XYZ	20.1957, 14.5018, 85.7391
YIQ	86.6530, -95.7840, 28.8560

Conversions

Conversions Part 2

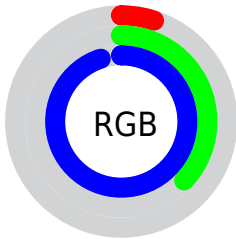
Format	Color
R_{YB}	13, 73, 242
Decimal	876274
CIE _{Lab}	44.94, 35.67, -79.61
CIE _{LCh}	45, 87.237, 294.136
Yxy	14.5018, 0.1677, 0.1204
Android (android.graphics.Color)	4279066354 (0xFF0D5EF2)
YUV	86.6530, 76.5861, -64.5937
Hunter-Lab	38.0812, 28.0222, -106.8335

Details

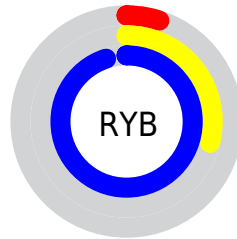
The Android color `4279066354` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark saturated blue. A complement of this color would be `4294091021`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4285632767`, and `4278202809` is the 20% darker color. If you saturate the color by 10%, you get `4278212338`, and if you desaturate by 10%, it is `4280643314`.

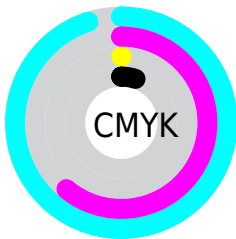
Distribution



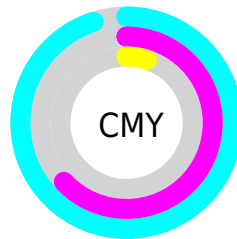
- Red (5%)
- Green (37%)
- Blue (95%)



- Red (5%)
- Yellow (29%)
- Blue (95%)



- Cyan (95%)
- Magenta (61%)
- Yellow (0%)
- Black (5%)



- Cyan (95%)
- Magenta (63%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279066354 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 4279066354 by changing the saturation by 10% instead.

 4279066354

 4279066354

4294967295

 4278208469

 4285632767

 4278202809

 4287867647

 4278197917

 4289971711

 4278193794

 4292076031

 4278191976

 4294180607

 4278192718

 4278191415

 4278190624

 4278190085

■ 4279066354

■ 4279066354

■ 4278212338

■ 4280643314

■ 4282220018

■ 4283862514

■ 4285439474

■ 4287016178

■ 4288593138

■ 4290169842

■ 4291812338

■ 4293389298

Harmonies

Analogous

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



4278221310



4279066354



4289734593

Triad

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



4279066354



4290853888



4278224473

Complementary

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



4279066354



4294091021

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.



4278223104



4279066354



4287521536

Square

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



4279066354



4292870197



4282939136



4278224805

Rectangle

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



4279066354



4292083860



4282939136



4278224191

Sweetspot

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



4279066354



4290302463



4279104158



4283720576



4278190080



4286611584

Same Dimension

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



4279066354



4278213375



4281077234



4285296760



4278206904



4278195256

Inverse Universe

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



4294053214



4294901850



4292080141



4286082160



4290248769



4281860116

Previews

White Background



This preview shows how the Android color 4279066354 looks on a white background.

Color Contrast Check

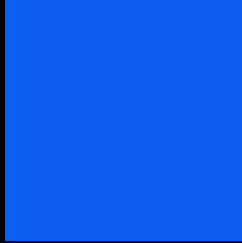
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279066354 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 4279066354 Background



This preview shows how black text looks on a background with the Android color 4279066354.



This preview shows how white text looks on a background with the Android color 4279066354.

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

4279066354

Protanopia

4278216407

Deuteranopia

4278217912

Trichromacy



Original Color

4279066354

Protanomaly

4278543329

Deuteranomaly

4278544333

Tritanomaly

4278545831

Monochromacy



Original Color

4279066354

Achromatopsia

4283914071

Achromatomaly

4282145423

CSS Examples

Text

The CSS property to change the color of the text to Android 4279066354 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(13, 94, 242)` looks like.

```
.text, #text, p{  
    color:rgb(13, 94, 242)  
}
```

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(13, 94, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 94, 242) }
```

Border

The CSS property to change the border of an element to Android 4279066354 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(13, 94, 242) }
```

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

```
.border{ border-color:rgb(13, 94, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 94, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 94, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 94, 242);  
box-shadow:4px 4px 4px 4px rgb(13, 94,  
242) }
```

Background

The CSS property to change the background color of an element to Android 4279066354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 94, 242) }
```

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

```
.background{ background-color: rgb(13, 94,  
242) }
```

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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