

Converting Colors

Android(4278211569)

Have a look what the booklet for
Android(4278211569) contains.

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Color

Android(4278211569)

Conversions

Conversions Part 1

Format	Color
Hex	0053F1
RGB	0, 83, 241
RGB Percent	0%, 33%, 95%
CMY	1.0000, 0.6745, 0.0549
CMYK	1.00, 0.66, 0.00, 0.05
HSL	219°, 100%, 47%
HSV	219°, 100%, 95%
XYZ	18.9704, 12.5374, 84.6392
YIQ	76.1950, -100.1860, 31.5420

Conversions

Conversions Part 2

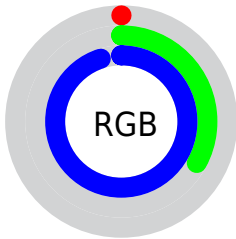
Format	Color
<code>RYB</code>	<code>0, 62, 241</code>
Decimal	<code>21489</code>
CIELab	<code>42.06, 41.95, -83.79</code>
CIELCh	<code>42, 93.710, 296.596</code>
Yxy	<code>12.5374, 0.1633, 0.1079</code>
Android (<code>android.graphics.Color</code>)	<code>4278211569 (0xFF0053F1)</code>
YUV	<code>76.1950, 81.2489, -66.8230</code>
Hunter-Lab	<code>35.4082, 33.6697, -116.9403</code>

Details

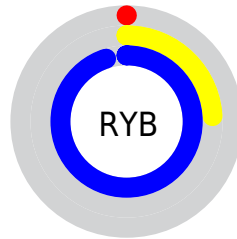
The Android color `4278211569` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark saturated blue. A complement of this color would be `4294024704`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4285498623`, and `4278200247` is the 20% darker color. If you saturate the color by 10%, you get `4278211569`, and if you desaturate by 10%, it is `4279788529`.

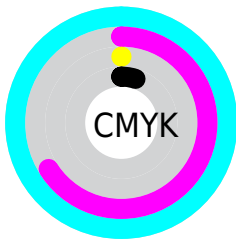
Distribution



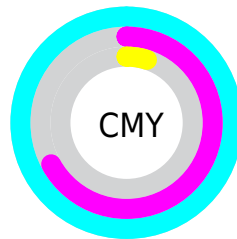
- Red (0%)
- Green (33%)
- Blue (95%)



- Red (0%)
- Yellow (24%)
- Blue (95%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (67%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278211569 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 4278211569 by changing the saturation by 10% instead.

 4278211569

 4278211569

4294967295

 4278205652

 4285498623

 4278200247

 4287733503

 4278195612

 4289903103

 4278190465

 4292007423

 4278192998

 4294111743

 4278192717

 4278191414

 4278190623

 4278190083

 4278211569

 4279788529

 4281365489

 4282942193

 4284519153

 4286096113

 4287738609

 4289315569

 4290892273

 4292469233

Harmonies

Analogous

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



4278219519



4278211569



4289855674

Triad

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



4278211569



4290327296



4278222680

Complementary

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



4278211569



4294024704

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.



4278221568



4278211569



4286668288

Square

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



4278211569



4292608037



4281364992



4278223015

Rectangle

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



4278211569



4292149385



4281364992



4278222396

Sweetspot

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



4278211569



4289973759



4278251933



4283588992



4278190080



4286611584

Same Dimension

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



4278211569



4278212863



4280549617



4285296760



4278206392



4278195000

Inverse Universe

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



4293984339



4294901848



4291686656



4286082160



4290248767



4281860115

Previews

White Background



This preview shows how the Android color 4278211569 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 4278211569 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 4278211569 Background



This preview shows how black text looks on a background with the Android color 4278211569.



This preview shows how white text looks on a background with the Android color 4278211569.

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
4278211569

Protanopia
4278214601

Deuteranopia
4278216107

Trichromacy



Original Color
4278211569

Protanomaly
4278213592

Deuteranomaly
4278214340

Tritanomaly
4278215841

Monochromacy



Original Color
4278211569

Achromatopsia
4283190348

Achromatomaly
4281356168

CSS Examples

Text

The CSS property to change the color of the text to Android 4278211569 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, 83, 241)` looks like.

```
.text, #text, p{  
    color:rgb(0, 83, 241)  
}
```

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, 83, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 83, 241) }
```

Border

The CSS property to change the border of an element to Android 4278211569 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, 83, 241) }
```

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

```
.border{ border-color:rgb(0, 83, 241) }
```

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

Here you see how a box with a 4 pixel rgb(0, 83, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 83, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 83, 241);  
box-shadow:4px 4px 4px 4px rgb(0, 83, 241)  
}
```

Background

The CSS property to change the background color of an element to Android 4278211569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 83, 241) }
```

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

```
.background{ background-color: rgb(0, 83,  
241) }
```

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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