

Converting Colors

Android(4281166061)

Have a look what the booklet for
Android(4281166061) contains.

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Color

Android(4281166061)

Conversions

Conversions Part 1

Format	Color
Hex	2D68ED
RGB	45, 104, 237
RGB Percent	18%, 41%, 93%
CMY	0.8235, 0.5922, 0.0706
CMYK	0.81, 0.56, 0.00, 0.07
HSL	222°, 84%, 55%
HSV	222°, 81%, 93%
XYZ	21.3186, 16.5729, 82.1961
YIQ	101.5210, -77.8570, 28.8550

Conversions

Conversions Part 2

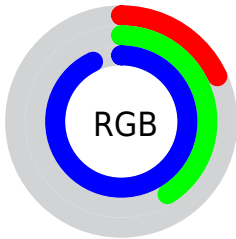
Format	Color
R_{YB}	45, 90, 237
Decimal	2975981
CIE Lab	47.72, 29.15, -72.25
CIE LCh	48, 77.908, 291.971
Yxy	16.5729, 0.1775, 0.1380
Android (android.graphics.Color)	4281166061 (0xFF2D68ED)
YUV	101.5210, 66.7911, -49.5689
Hunter-Lab	40.7099, 22.2329, -91.2137

Details

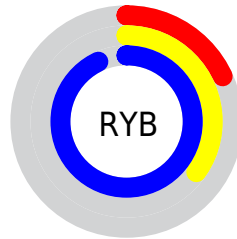
The Android color `4281166061` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark washed azure. A complement of this color would be `4293767725`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4286225407`, and `4278205108` is the 20% darker color. If you saturate the color by 10%, you get `4279589101`, and if you desaturate by 10%, it is `4282743021`.

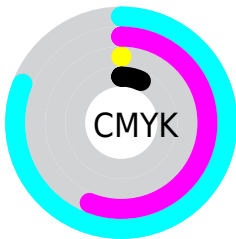
Distribution



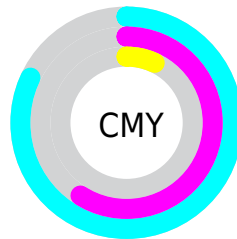
- Red (18%)
- Green (41%)
- Blue (93%)



- Red (18%)
- Yellow (35%)
- Blue (93%)



- Cyan (81%)
- Magenta (56%)
- Yellow (0%)
- Black (7%)



- Cyan (82%)
- Magenta (59%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281166061 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 4281166061 by changing the saturation by 10% instead.

 4281166061

 4281166061

4294967295

 4278210768

 4286225407

 4278205108

 4288329215

 4278199960

 4290433535

 4278195582

 4292472319

 4278190436

 4294508543

 4278192459

 4278191155

 4278190621

 4278190080

■ 4281166061

■ 4281166061

■ 4279589101

■ 4282743021

■ 4278209005

■ 4284254701

■ 4285831661

■ 4287408877

■ 4288920301

■ 4290497517

■ 4292074477

■ 4293651437

■ 4294966509

Harmonies

Analogous

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



4278222837



4281166061



4289479107

Triad

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



4281166061



4291184640



4278225757

Complementary

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



4281166061



4293767725

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.



4278224654



4281166061



4288243712

Square

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



4281166061



4292809541



4284251136



4278226337

Rectangle

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



4281166061



4291763611



4284251136



4278225477

Sweetspot

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



4281166061



4290958847



4281200048



4284180096



4278190080



4286611584

Same Dimension

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



4281166061



4278736127



4283444717



4285164917



4278204597



4278194230

Inverse Universe

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



4293733736



4294903892



4291489069



4285885037



4290052152



4281729040

Previews

White Background



This preview shows how the Android color 4281166061 looks on a white background.

Color Contrast Check

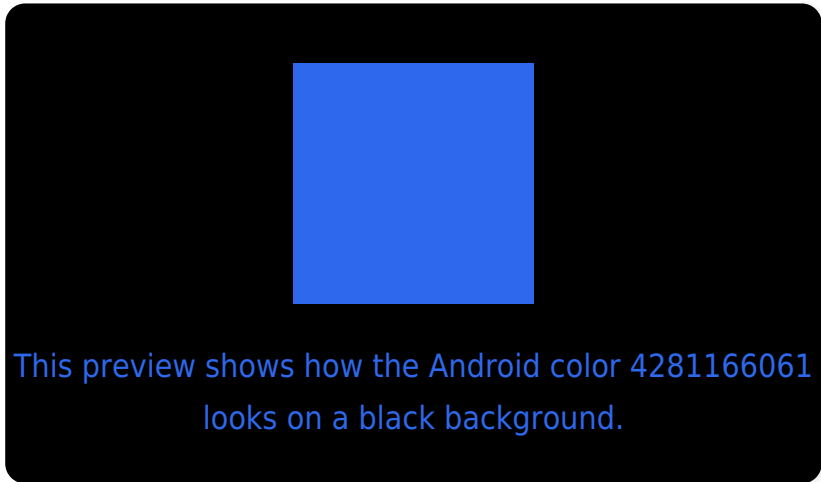
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4281166061 Background



This preview shows how black text looks on a background with the Android color 4281166061.

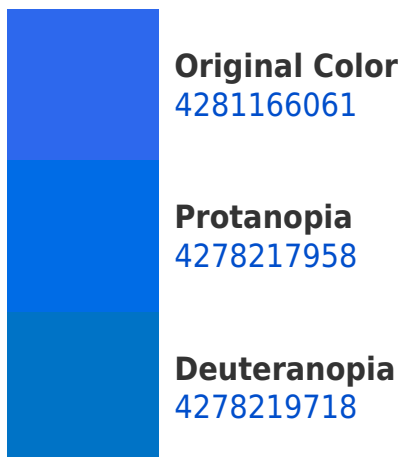


This preview shows how white text looks on a background with the Android color 4281166061.

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
4281166061

Protanomaly
4279266281

Deuteranomaly
4279267284

Tritanomaly
4279268779

Monochromacy



Original Color
4281166061

Achromatopsia
4284900966

Achromatomaly
4283525015

CSS Examples

Text

The CSS property to change the color of the text to Android 4281166061 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(45, 104, 237)` looks like.

```
.text, #text, p{  
    color:rgb(45, 104, 237)  
}
```

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(45, 104, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 104, 237) }
```

Border

The CSS property to change the border of an element to Android 4281166061 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(45, 104, 237) }
```

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

```
.border{ border-color:rgb(45, 104, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 104, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 104, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 104, 237);  
box-shadow:4px 4px 4px 4px rgb(45, 104,  
237) }
```

Background

The CSS property to change the background color of an element to Android 4281166061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 104, 237) }
```

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

```
.background{ background-color: rgb(45, 104,  
237) }
```

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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