

Converting Colors

Android(4278649061)

Have a look what the booklet for
Android(4278649061) contains.

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Color

Android(4278649061)

Conversions

Conversions Part 1

Format	Color
Hex	0700E5
RGB	7, 0, 229
RGB Percent	3%, 0%, 90%
CMY	0.9725, 1.0000, 0.1020
CMYK	0.97, 1.00, 0.00, 0.10
HSL	242°, 100%, 45%
HSV	242°, 100%, 90%
XYZ	14.2305, 5.7023, 74.4794
YIQ	28.1990, -69.3370, 72.7030

Conversions

Conversions Part 2

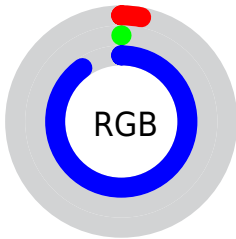
Format	Color
R_YB	7, 0, 229
Decimal	458981
CIE Lab	28.65, 73.05, -99.24
CIE LCh	29, 123.226, 306.356
Yxy	5.7023, 0.1507, 0.0604
Android (android.graphics.Color)	4278649061 (0xFF0700E5)
YUV	28.1990, 98.9949, -18.5915
Hunter-Lab	23.8795, 64.5840, -168.2077

Details

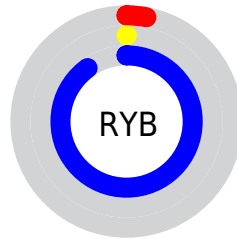
The Android color `4278649061` is a dark color, and the websafe version is hex `3300FF`. The color can be described as dark washed blue. A complement of this color would be `4292797696`, and the grayscale version is `4279966491`.

A 20% lighter version of the original color is `4285744383`, and `4278190252` is the 20% darker color. If you saturate the color by 10%, you get `4278649061`, and if you desaturate by 10%, it is `4280096741`.

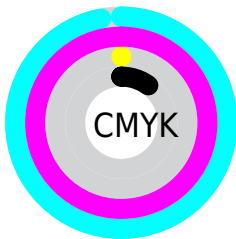
Distribution



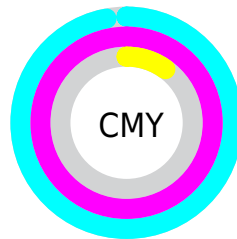
- Red (3%)
- Green (0%)
- Blue (90%)



- Red (3%)
- Yellow (0%)
- Blue (90%)



- Cyan (97%)
- Magenta (100%)
- Yellow (0%)
- Black (10%)





















- Cyan (97%)
- Magenta (100%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Android color 4278649061 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 4278649061 by changing the saturation by 10% instead.

 4278649061	 4278649061
4294967295	 4278190280
 4285744383	 4278190252
 4288045055	 4278190224
 4290214655	 4278191221
 4292318719	 4278193499
 4294488575	 4278191939
 4294954751	 4278190891
 4294962175	 4278190358
	 4278190080

 4278649061

 4280096741

 4281544421

 4283057637

 4284505317

 4285952997

 4287400421

 4288848101

 4290361317

 4291808997

Harmonies

Analogous

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



4278211583



4278649061



4290248851

Triad

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



4278649061



4287367424



4278214231

Complementary

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



4278649061



4292797696

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.



4278213376



4278649061



4282468352

Square

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



4278649061



4290707456



4278212352



4278215095

Rectangle

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



4278649061



4291952724



4278212352



4278213941

Sweetspot

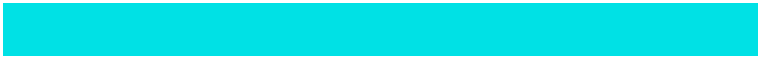
The Sweet Spot groups the original color and five complimentary colors.



4278649061



4290098175



4278247909



4283650688



4278190080



4286611584

Same Dimension

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



4278649061



4278714623



4285923557



4285032307



4278517939



4278321203

Inverse Universe

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



4293198046



4294902007



4285523200



4285753202



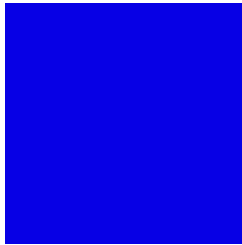
4289921197



4281532465

Previews

White Background



This preview shows how the Android color 4278649061 looks on a white background.

Color Contrast Check

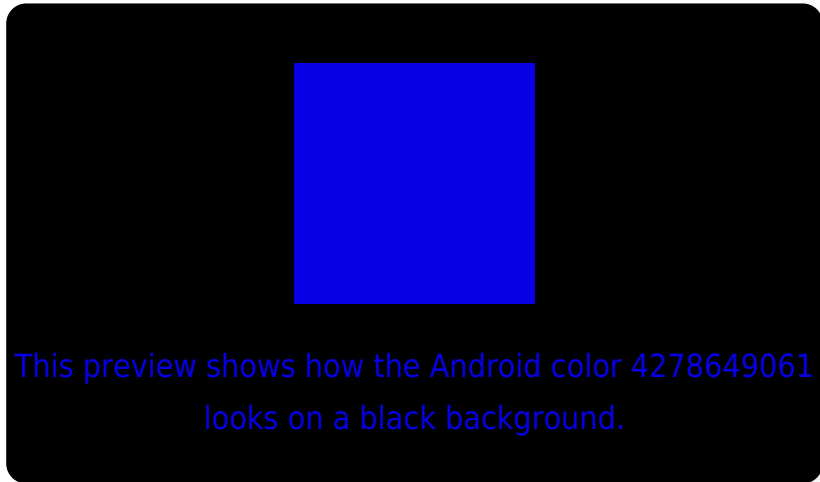
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

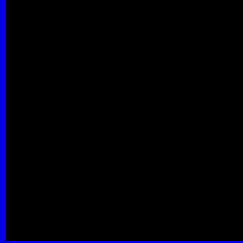
Any Text WCAG AA × Fail

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 4278649061 Background



This preview shows how black text looks on a background with the Android color 4278649061.



This preview shows how white text looks on a background with the Android color 4278649061.

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

4278649061

Protanopia

4278207372

Deuteranopia

4278208631

Trichromacy



Original Color

4278649061

Protanomaly

4278397868

Deuteranomaly

4278398623

Tritanomaly

4278399366

Monochromacy



Original Color

4278649061

Achromatopsia

4280032284

Achromatomaly

4279505509

CSS Examples

Text

The CSS property to change the color of the text to Android 4278649061 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(7, 0, 229)` looks like.

```
.text, #text, p{  
    color:rgb(7, 0, 229)  
}
```

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(7, 0, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 0, 229) }
```

Border

The CSS property to change the border of an element to Android 4278649061 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(7, 0, 229) }
```

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

```
.border{ border-color:rgb(7, 0, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 0, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 0, 229); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 0, 229); box-shadow:4px  
4px 4px 4px rgb(7, 0, 229) }
```

Background

The CSS property to change the background color of an element to Android 4278649061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 0, 229) }
```

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

```
.background{ background-color: rgb(7, 0,  
229) }
```

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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