

Converting Colors

Android(4278216163)

Have a look what the booklet for
Android(4278216163) contains.

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Color

Android(4278216163)

Conversions

Conversions Part 1

Format	Color
Hex	0065E3
RGB	0, 101, 227
RGB Percent	0%, 40%, 89%
CMY	1.0000, 0.6039, 0.1098
CMYK	1.00, 0.56, 0.00, 0.11
HSL	213°, 100%, 45%
HSV	213°, 100%, 89%
XYZ	18.5188, 14.8534, 74.5640
YIQ	85.1650, -100.6420, 17.7740

Conversions

Conversions Part 2

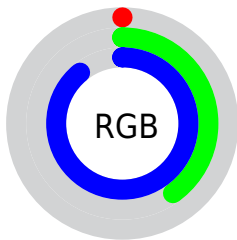
Format	Color
RYB	0, 70, 227
Decimal	26083
CIELab	45.43, 25.07, -70.37
CIELCh	45, 74.700, 289.608
Yxy	14.8534, 0.1716, 0.1376
Android (android.graphics.Color)	4278216163 (0xFF0065E3)
YUV	85.1650, 69.9247, -74.6897
Hunter-Lab	38.5401, 18.3253, -87.7309

Details

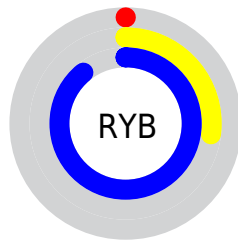
The Android color `4278216163` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed azure. A complement of this color would be `4293099008`, and the grayscale version is `4283782485`.

A 20% lighter version of the original color is `4285175807`, and `4278204586` is the 20% darker color. If you saturate the color by 10%, you get `4278216163`, and if you desaturate by 10%, it is `4279726819`.

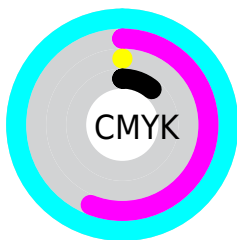
Distribution



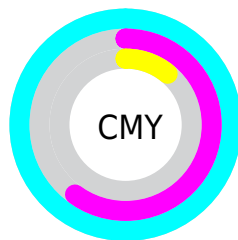
- Red (0%)
- Green (40%)
- Blue (89%)



- Red (0%)
- Yellow (27%)
- Blue (89%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (60%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278216163 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 4278216163 by changing the saturation by 10% instead.

 4278216163

 4278216163

4294967295

 4278210246

 4285175807

 4278204586

 4287345407

 4278199439

 4289449471

 4278195061

 4291488255

 4278192475

 4293525503

 4278191939

 4278190892

 4278190358

 4278190080

■ 4278216163

■ 4279726819

■ 4281171683

■ 4282682339

■ 4284192739

■ 4285703395

■ 4287148515

■ 4288658915

■ 4290169571

■ 4291614435

Harmonies

Analogous

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



4278221544



4278216163



4288561854

Triad

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



4278216163



4290724096



4278223955

Complementary

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



4278216163



4293099008

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.



4278222595



4278216163



4287979776

Square

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



4278216163



4292152902



4284314880



4278224532

Rectangle

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



4278216163



4290912664



4284314880



4278223677

Sweetspot

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



4278216163



4289975807



4278248317



4283590272



4278190080



4286611584

Same Dimension

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



4278216163



4278219263



4278911203



4284968051



4278210483



4278196019

Inverse Universe

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



4293066853



4294901873



4292403968



4285753196



4289921103



4281532439

Previews

White Background



This preview shows how the Android color 4278216163 looks on a white background.

Color Contrast Check

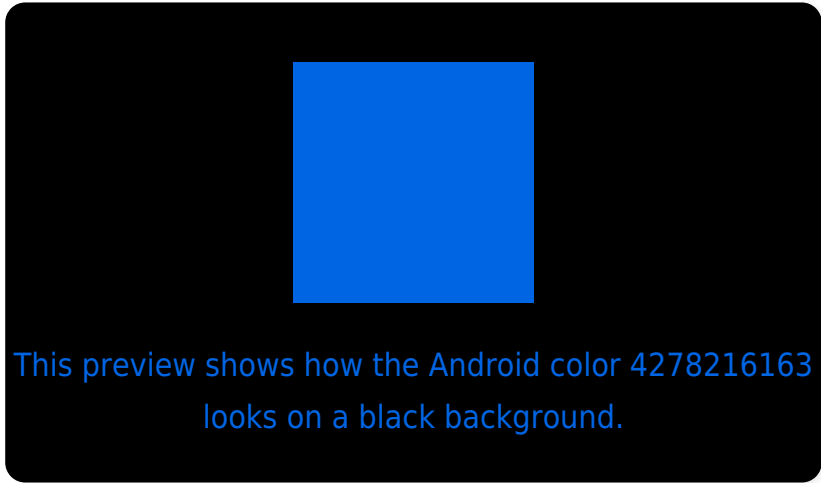
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278216163 Background



This preview shows how black text looks on a background with the Android color 4278216163.



This preview shows how white text looks on a background with the Android color 4278216163.

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

4278216163

Protanopia

4278216667

Deuteranopia

4278218429

Trichromacy



Original Color
4278216163

Protanomaly
4278216414

Deuteranomaly
4278217675

Tritanomaly
4278218915

Monochromacy



Original Color
4278216163

Achromatopsia
4283782485

Achromatomaly
4281752457

CSS Examples

Text

The CSS property to change the color of the text to Android 4278216163 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, 101, 227)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 227)  
}
```

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, 101, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 227) }
```

Border

The CSS property to change the border of an element to Android 4278216163 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, 101, 227) }
```

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

```
.border{ border-color:rgb(0, 101, 227) }
```

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

Here you see how a box with a 4 pixel rgb(0, 101, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 101, 227);  
box-shadow:4px 4px 4px 4px rgb(0, 101,  
227) }
```

Background

The CSS property to change the background color of an element to Android 4278216163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 227) }
```

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

```
.background{ background-color: rgb(0, 101,  
227) }
```

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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