

Converting Colors

Android(4278208427)

Have a look what the booklet for
Android(4278208427) contains.

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Color

Android(4278208427)

Conversions

Conversions Part 1

Format	Color
Hex	0047AB
RGB	0, 71, 171
RGB Percent	0%, 28%, 67%
CMY	1.0000, 0.7216, 0.3294
CMYK	1.00, 0.58, 0.00, 0.33
HSL	215°, 100%, 34%
HSV	215°, 100%, 67%
XYZ	9.6039, 7.4468, 39.4593
YIQ	61.1710, -74.4160, 16.0480

Conversions

Conversions Part 2

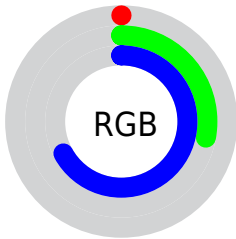
Format	Color
RYB	0, 50, 171
Decimal	18347
CIELab	32.80, 22.53, -58.45
CIELCh	33, 62.639, 291.077
Yxy	7.4468, 0.1700, 0.1318
Android (android.graphics.Color)	4278208427 (0xFF0047AB)
YUV	61.1710, 54.1457, -53.6470
Hunter-Lab	27.2887, 15.0655, -66.6307

Details

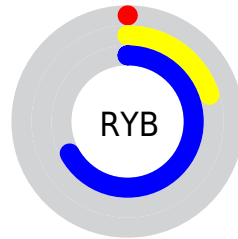
The Android color `4278208427` is a dark color, and the websafe version is hex `003399`, and the color name is `cobalt blue`. A complement of this color would be `4289422336`, and the grayscale version is `4282203453`.

A 20% lighter version of the original color is `4284119011`, and `4278197622` is the 20% darker color. If you saturate the color by 10%, you get `4278208427`, and if you desaturate by 10%, it is `4279325099`.

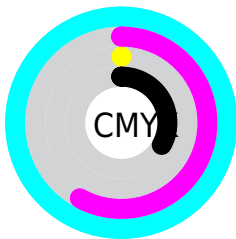
Distribution



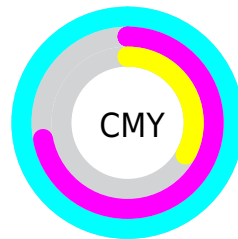
- Red (0%)
- Green (28%)
- Blue (67%)



- Red (0%)
- Yellow (20%)
- Blue (67%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (72%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278208427 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 4278208427 by changing the saturation by 10% instead.

 4278208427

 4278208427

4294967295

 4278202768

 4284119011

 4278197622

 4286157055

 4278191708

 4288129791

 4278191940

 4290037503

 4278190893

 4292010751

 4278190359

 4293983999

 4278190080

 4278208427

 4279325099

■ 4280441771

■ 4281558443

■ 4282675115

■ 4283791787

■ 4284973995

■ 4286090667

■ 4287207339

■ 4288324011

Harmonies

Analogous

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



4278212784



4278208427



4286065036

Triad

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



4278208427



4287441920



4278214716

Complementary

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



4278208427



4289422336

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.



4278213888



4278208427



4285220352

Square

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



4278208427



4288610349



4282275072



4278215024

Rectangle

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



4278208427



4287825518



4282275072



4278214699

Sweetspot

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



4278208427



4288395230



4278233956



4282931568



4293980400



4285558896

Same Dimension

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



4278208427



4278213854



4279107755



4283322967



4278206102



4278192663

Inverse Universe

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



4289396807



4292739164



4288523008



4283911762



4288020542



4279697418

Previews

White Background



This preview shows how the Android color 4278208427 looks on a white background.

Color Contrast Check

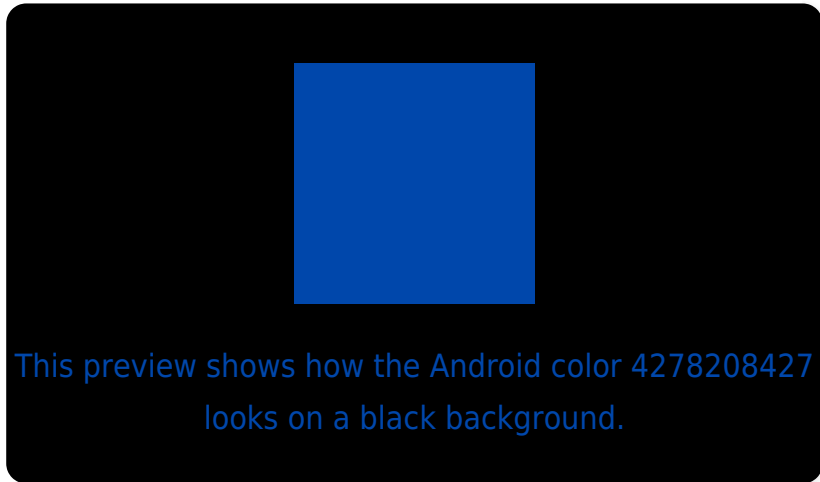
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278208427 Background



This preview shows how black text looks on a background with the Android color 4278208427.



This preview shows how white text looks on a background with the Android color 4278208427.

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

4278208427

Protanopia

4278209182

Deuteranopia

4278210440

Trichromacy



Original Color
4278208427

Protanomaly
4278208931

Deuteranomaly
4278209685

Tritanomaly
4278210936

Monochromacy



Original Color
4278208427

Achromatopsia
4282203453

Achromatomaly
4280762725

CSS Examples

Text

The CSS property to change the color of the text to Android 4278208427 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, 71, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 171)  
}
```

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, 71, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 171) }
```

Border

The CSS property to change the border of an element to Android 4278208427 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, 71, 171) }
```

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

```
.border{ border-color:rgb(0, 71, 171) }
```

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

Here you see how a box with a 4 pixel rgb(0, 71, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 71, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 71, 171)  
}
```

Background

The CSS property to change the background color of an element to Android 4278208427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 71, 171) }
```

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

```
.background{ background-color: rgb(0, 71,  
171) }
```

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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