

Converting Colors

Android(4278217930)

Have a look what the booklet for
Android(4278217930) contains.

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Color

Android(4278217930)

Conversions

Conversions Part 1

Format	Color
Hex	006CCA
RGB	0, 108, 202
RGB Percent	0%, 42%, 79%
CMY	1.0000, 0.5765, 0.2078
CMYK	1.00, 0.47, 0.00, 0.21
HSL	208°, 100%, 40%
HSV	208°, 100%, 79%
XYZ	16.0232, 14.9894, 57.9258
YIQ	86.4240, -94.5420, 6.3380

Conversions

Conversions Part 2

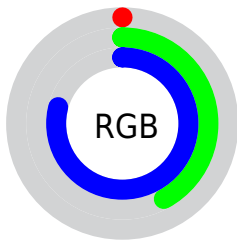
Format	Color
RYB	0, 70, 202
Decimal	27850
CIELab	45.62, 10.61, -55.82
CIELCh	46, 56.815, 280.762
Yxy	14.9894, 0.1802, 0.1685
Android (android.graphics.Color)	4278217930 (0xFF006CCA)
YUV	86.4240, 56.9790, -75.7938
Hunter-Lab	38.7161, 6.1216, -61.6065

Details

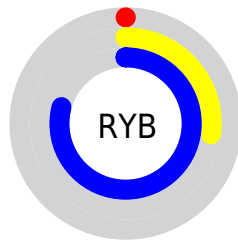
The Android color `4278217930` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4291452416`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4284653567`, and `4278206099` is the 20% darker color. If you saturate the color by 10%, you get `4278217930`, and if you desaturate by 10%, it is `4279530954`.

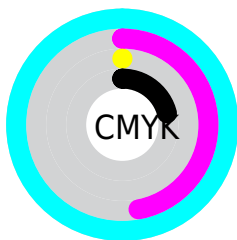
Distribution



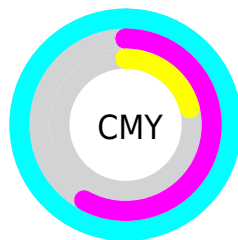
- Red (0%)
- Green (42%)
- Blue (79%)



- Red (0%)
- Yellow (27%)
- Blue (79%)



- Cyan (100%)
- Magenta (47%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (58%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278217930 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 4278217930 by changing the saturation by 10% instead.

 4278217930

 4278217930

4294967295

 4278211758

 4284653567

 4278206099

 4286757631

 4278200697

 4288796159

 4278195807

 4290769407

 4278192199

 4292804607

 4278191151

 4294770687

 4278190362

 4278190080

 4278217930

■ 4279530954

■ 4280844234

■ 4282222794

■ 4283536074

■ 4284849098

■ 4286162122

■ 4287475402

■ 4288853962

■ 4290167242

Harmonies

Analogous

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



4278221510



4278217930



4286797749

Triad

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



4278217930



4290201904



4278222923

Complementary

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



4278217930



4291452416

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.



4282219035



4278217930



4288372224

Square

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



4278217930



4290787677



4285689600



4278223484

Rectangle

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



4278217930



4289022107



4285689600



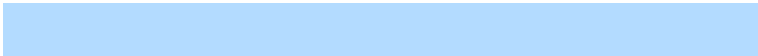
4278222395

Sweetspot

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



4278217930



4289977343



4278241883



4283591296



4278190080



4286611584

Same Dimension

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



4278217930



4278225151



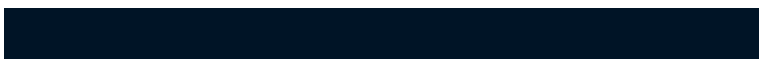
4278192842



4284244326



4278213030



4278195238

Inverse Universe

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



4291428460



4294901896



4291477504



4284898401



4289069145



4280680468

Previews

White Background



This preview shows how the Android color 4278217930 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 4278217930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

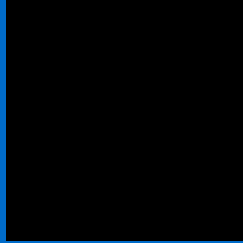
Any Text WCAG AA × Fail

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 4278217930 Background



This preview shows how black text looks on a background with the Android color 4278217930.



This preview shows how white text looks on a background with the Android color 4278217930.

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
4278217930

Protanopia
4282149318

Deuteranopia
4278218433

Trichromacy



Original Color
4278217930

Protanomaly
4280707783

Deuteranomaly
4278218180

Tritanomaly
4278219931

Monochromacy



Original Color
4278217930

Achromatopsia
4283848278

Achromatomaly
4281818752

CSS Examples

Text

The CSS property to change the color of the text to Android 4278217930 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, 108, 202)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 202)  
}
```

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, 108, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 202) }
```

Border

The CSS property to change the border of an element to Android 4278217930 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, 108, 202) }
```

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

```
.border{ border-color:rgb(0, 108, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 108, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 108, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 108, 202); box-shadow:4px 4px 4px 4px rgb(0, 108, 202) }
```

Background

The CSS property to change the background color of an element to Android 4278217930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 108, 202) }
```

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

```
.background{ background-color: rgb(0, 108,  
202) }
```

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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