

Converting Colors

Android(4278217942)

Have a look what the booklet for
Android(4278217942) contains.

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Color

Android(4278217942)

Conversions

Conversions Part 1

Format	Color
Hex	006CD6
RGB	0, 108, 214
RGB Percent	0%, 42%, 84%
CMY	1.0000, 0.5765, 0.1608
CMYK	1.00, 0.50, 0.00, 0.16
HSL	210°, 100%, 42%
HSV	210°, 100%, 84%
XYZ	17.5002, 15.5802, 65.7032
YIQ	87.7920, -98.3940, 10.0700

Conversions

Conversions Part 2

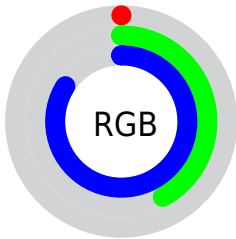
Format	Color
R _{YB}	0, 72, 214
Decimal	27862
CIE _{Lab}	46.42, 15.40, -61.39
CIE _{LCh}	46, 63.292, 284.085
Yxy	15.5802, 0.1772, 0.1577
Android (android.graphics.Color)	4278217942 (0xFF006CD6)
YUV	87.7920, 62.2205, -76.9936
Hunter-Lab	39.4717, 10.0642, -71.0619

Details

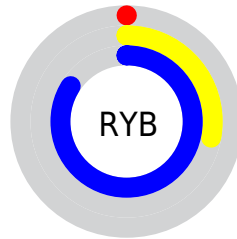
The Android color `4278217942` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4292241920`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4284915711`, and `4278206110` is the 20% darker color. If you saturate the color by 10%, you get `4278217942`, and if you desaturate by 10%, it is `4279597014`.

Distribution



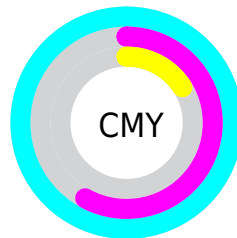
- Red (0%)
- Green (42%)
- Blue (84%)



- Red (0%)
- Yellow (28%)
- Blue (84%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)



- Cyan (100%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278217942 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 4278217942 by changing the saturation by 10% instead.

 4278217942

 4278217942

4294967295

 4278211770

 4284915711


 4278206110

 4287019519

 4278200708

 4289058303

 4278196074

 4291097087

 4278192977

 4293132287

 4278191417

 4278190626

 4278190088

 4278190080

■ 4278217942

■ 4279597014

■ 4281041366

■ 4282420438

■ 4283864790

■ 4285243862

■ 4286622934

■ 4288067286

■ 4289446358

■ 4290890710

Harmonies

Analogous

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



4278222037



4278217942



4287583163

Triad

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



4278217942



4290594853



4278223951

Complementary

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



4278217942



4292241920

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.



4281105941



4278217942



4288438528

Square

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



4278217942



4291506519



4285428480



4278224518

Rectangle

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



4278217942



4289872029



4285428480



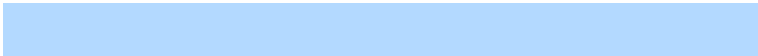
4278223420

Sweetspot

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



4278217942



4289976831



4278244967



4283591040



4278190080



4286611584

Same Dimension

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



4278217942



4278223359



4278191318



4284507755



4278212267



4278195755

Inverse Universe

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



4292214892



4294901889



4292268544



4285227110



4289396822



4281008150

Previews

White Background



This preview shows how the Android color 4278217942 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 4278217942 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 4278217942 Background



This preview shows how black text looks on a background with the Android color 4278217942.



This preview shows how white text looks on a background with the Android color 4278217942.

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
4278217942

Protanomaly
4280183765

Deuteranomaly
4278218698

Tritanomaly
4278220193

Monochromacy



Original Color
4278217942

Achromatopsia
4283979864

Achromatomaly
4281884550

CSS Examples

Text

The CSS property to change the color of the text to Android 4278217942 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(0, 108, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 108, 214) }
```

Border

The CSS property to change the border of an element to Android 4278217942 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, 214) }
```

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

```
.border{ border-color:rgb(0, 108, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 108, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 108, 214);  
box-shadow:4px 4px 4px 4px rgb(0, 108,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4278217942 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, 214) }
```

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

```
.background{ background-color: rgb(0, 108,  
214) }
```

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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