

Converting Colors

Android(4278213320)

Have a look what the booklet for
Android(4278213320) contains.

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Color

Android(4278213320)

Conversions

Conversions Part 1

Format	Color
Hex	005AC8
RGB	0, 90, 200
RGB Percent	0%, 35%, 78%
CMY	1.0000, 0.6471, 0.2157
CMYK	1.00, 0.55, 0.00, 0.22
HSL	213°, 100%, 39%
HSV	213°, 100%, 78%
XYZ	14.0815, 11.4825, 56.1177
YIQ	75.6300, -88.9500, 15.1300

Conversions

Conversions Part 2

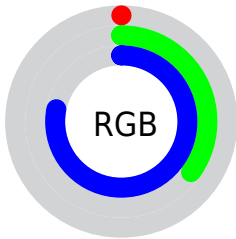
Format	Color
RYB	0, 62, 200
Decimal	23240
CIELab	40.38, 21.55, -63.14
CIELCh	40, 66.718, 288.841
Yxy	11.4825, 0.1724, 0.1406
Android (android.graphics.Color)	4278213320 (0xFF005AC8)
YUV	75.6300, 61.3144, -66.3275
Hunter-Lab	33.8858, 14.8769, -74.4693

Details

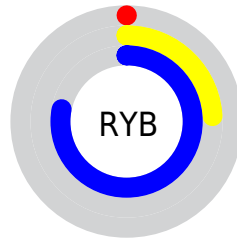
The Android color `4278213320` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed blue. A complement of this color would be `4291325440`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4284648447`, and `4278202001` is the 20% darker color. If you saturate the color by 10%, you get `4278213320`, and if you desaturate by 10%, it is `4279526856`.

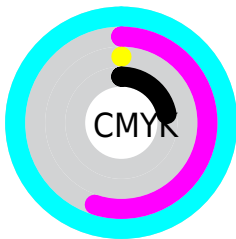
Distribution



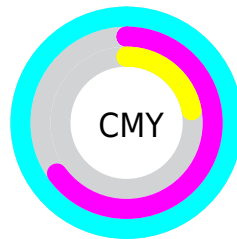
- Red (0%)
- Green (35%)
- Blue (78%)



- Red (0%)
- Yellow (24%)
- Blue (78%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278213320 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 4278213320 by changing the saturation by 10% instead.

 4278213320

 4278213320

4294967295

 4278207404

 4284648447

 4278202001

 4286752255

 4278197111

 4288790783

 4278190173

 4290764031

 4278192196

 4292802815

 4278190893

4294836223

 4278190360

 4278190080

 4278213320

■ 4279526856

■ 4280840392

■ 4282153928

■ 4283467464

■ 4284781000

■ 4286094536

■ 4287408072

■ 4288721608

■ 4290035144

Harmonies

Analogous

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



4278217932



4278213320



4287249576

Triad

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



4278213320



4289280517



4278220104

Complementary

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



4278213320



4291325440

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.



4278218757



4278213320



4286928384

Square

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



4278213320



4290515776



4283721472



4278220417

Rectangle

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



4278213320



4289340040



4283721472



4278219829

Sweetspot

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



4278213320



4289975807



4278241390



4283590272



4278190080



4286611584

Same Dimension

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



4278213320



4278219775



4278845640



4284112483



4278208931



4278194212

Inverse Universe

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



4291297370



4294901875



4290693120



4284701278



4288872521



4280549392

Previews

White Background



This preview shows how the Android color 4278213320 looks on a white background.

Color Contrast Check

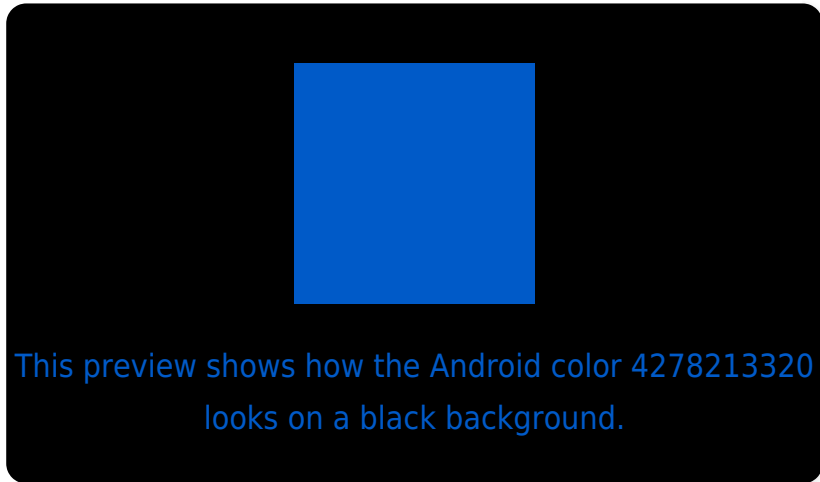
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278213320 Background



This preview shows how black text looks on a background with the Android color 4278213320.



This preview shows how white text looks on a background with the Android color 4278213320.

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

4278213320

Protanopia

4278213570

Deuteranopia

4278215079

Trichromacy



Original Color
4278213320

Protanomaly
4278213572

Deuteranomaly
4278214323

Tritanomaly
4278215824

Monochromacy



Original Color
4278213320

Achromatopsia
4283190348

Achromatomaly
4281356665

CSS Examples

Text

The CSS property to change the color of the text to Android 4278213320 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, 90, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 200)  
}
```

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, 90, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 200) }
```

Border

The CSS property to change the border of an element to Android 4278213320 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, 90, 200) }
```

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

```
.border{ border-color:rgb(0, 90, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 90, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 200)  
}
```

Background

The CSS property to change the background color of an element to Android 4278213320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 90, 200) }
```

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

```
.background{ background-color: rgb(0, 90,  
200) }
```

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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