

Converting Colors

Android(4278213313)

Have a look what the booklet for
Android(4278213313) contains.

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Color

Android(4278213313)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 005AC1 |
| RGB | 0, 90, 193 |
| RGB Percent | 0%, 35%, 76% |
| CMY | 1.0000, 0.6471, 0.2431 |
| CMYK | 1.00, 0.53, 0.00, 0.24 |
| HSL | 212°, 100%, 38% |
| HSV | 212°, 100%, 76% |
| XYZ | 13.2818, 11.1626, 51.9066 |
| YIQ | 74.8320, -86.7030, 12.9530 |

Conversions

Conversions Part 2

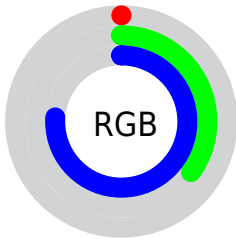
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 61, 193 |
| Decimal | 23233 |
| CIELab | 39.85, 18.72, -59.94 |
| CIELCh | 40, 62.794, 287.343 |
| Yxy | 11.1626, 0.1740, 0.1462 |
| Android (android.graphics.Color) | 4278213313 (0xFF005AC1) |
| YUV | 74.8320, 58.2568, -65.6277 |
| Hunter-Lab | 33.4105, 12.4916, -68.7259 |

Details

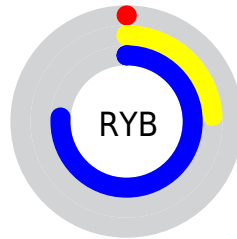
The Android color `4278213313` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed blue. A complement of this color would be `4290864896`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4284517370`, and `4278201994` is the 20% darker color. If you saturate the color by 10%, you get `4278213313`, and if you desaturate by 10%, it is `4279461057`.

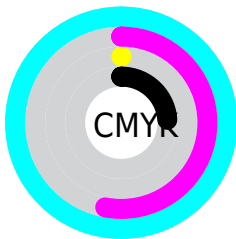
Distribution



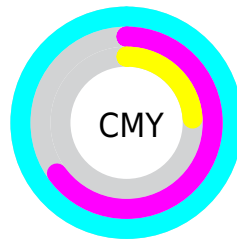
- Red (0%)
- Green (35%)
- Blue (76%)



- Red (0%)
- Yellow (24%)
- Blue (76%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (65%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278213313 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 4278213313 by changing the saturation by 10% instead.

 4278213313

 4278213313

4294967295

 4278207397

 4284517370

 4278201994

 4286621183

 4278197104

 4288594175

 4278190167

 4290567423

 4278191679

 4292606463

 4278190888

 4294574079

 4278190354

 4278190080

 4278213313

■ 4279461057

■ 4280774593

■ 4282022337

■ 4283270081

■ 4284583361

■ 4285831361

■ 4287079105

■ 4288326849

■ 4289640385

Harmonies

Analogous

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



4278217411



4278213313



4286791588

Triad

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



4278213313



4289083919



4278219590

Complementary

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



4278213313



4290864896

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.



4278218249



4278213313



4286862336

Square

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



4278213313



4290124867



4283917568



4278219899

Rectangle

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



4278213313



4288883334



4283917568



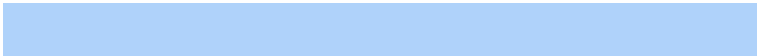
4278219060

Sweetspot

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



4278213313



4289712890



4278239591



4283458941



4294769916



4286414205

Same Dimension

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



4278213313



4278220282



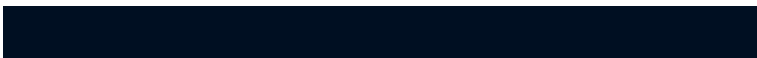
4278583489



4283915361



4278209441



4278193953

Inverse Universe

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



4290838618



4294574197



4290494720



4284569436



4288741451



4280352783

Previews

White Background



This preview shows how the Android color 4278213313 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 4278213313 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 4278213313 Background



This preview shows how black text looks on a background with the Android color 4278213313.



This preview shows how white text looks on a background with the Android color 4278213313.

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

4278213313

Protanopia

4278213312

Deuteranopia

4278214822

Trichromacy



Original Color
4278213313

Protanomaly
4278213312

Deuteranomaly
4278214320

Tritanomaly
4278215565

Monochromacy



Original Color
4278213313

Achromatopsia
4283124555

Achromatomaly
4281356406

CSS Examples

Text

The CSS property to change the color of the text to Android 4278213313 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 193) }
```

Border

The CSS property to change the border of an element to Android 4278213313 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, 193) }
```

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

```
.border{ border-color:rgb(0, 90, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 193)  
}
```

Background

The CSS property to change the background color of an element to Android 4278213313 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, 193) }
```

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

```
.background{ background-color: rgb(0, 90,  
193) }
```

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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