

Converting Colors

Android(4278213296)

Have a look what the booklet for
Android(4278213296) contains.

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Color

Android(4278213296)

Conversions

Conversions Part 1

Format	Color
Hex	005AB0
RGB	0, 90, 176
RGB Percent	0%, 35%, 69%
CMY	1.0000, 0.6471, 0.3098
CMYK	1.00, 0.49, 0.00, 0.31
HSL	209°, 100%, 35%
HSV	209°, 100%, 69%
XYZ	11.4926, 10.4469, 42.4850
YIQ	72.8940, -81.2460, 7.6660

Conversions

Conversions Part 2

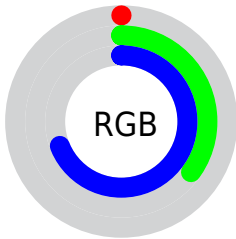
Format	Color
RYB	0, 60, 176
Decimal	23216
CIELab	38.63, 11.76, -51.95
CIELCh	39, 53.266, 282.755
Yxy	10.4469, 0.1784, 0.1622
Android (android.graphics.Color)	4278213296 (0xFF005AB0)
YUV	72.8940, 50.8313, -63.9280
Hunter-Lab	32.3217, 6.9064, -55.3081

Details

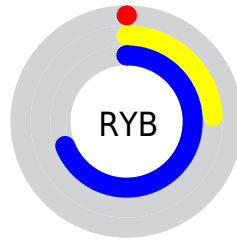
The Android color `4278213296` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4289746432`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4284189672`, and `4278201979` is the 20% darker color. If you saturate the color by 10%, you get `4278213296`, and if you desaturate by 10%, it is `4279395248`.

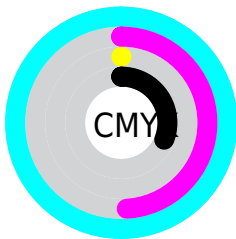
Distribution



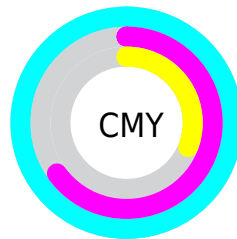
- Red (0%)
- Green (35%)
- Blue (69%)



- Red (0%)
- Yellow (24%)
- Blue (69%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278213296 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 4278213296 by changing the saturation by 10% instead.

 4278213296

 4278213296

4294967295

 4278207381

 4284189672

 4278201979

 4286228223

 4278196833

 4288135423

 4278191177

 4290108671

 4278191153

 4292082175

 4278190363

 4294049791

 4278190080

 4278213296

 4279395248

■ 4280511408

■ 4281693360

■ 4282809520

■ 4283991472

■ 4285173424

■ 4286289584

■ 4287471536

■ 4288587696

Harmonies

Analogous

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



4278216622



4278213296



4285744795

Triad

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



4278213296



4288494625



4278218048

Complementary

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



4278213296



4289746432

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.



4280969234



4278213296



4286730240

Square

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



4278213296



4289145674



4284309248



4278218349

Rectangle

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



4278213296



4287707011



4284309248



4278217777

Sweetspot

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



4278213296



4288791782



4278235221



4282998643



4294111986



4285756275

Same Dimension

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



4278213296



4278220262



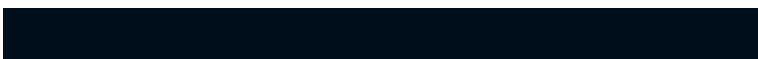
4278191024



4283454809



4278210201



4278193434

Inverse Universe

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



4289724506



4293263477



4289768704



4284043349



4288217166



4279894029

Previews

White Background



This preview shows how the Android color 4278213296 looks on a white background.

Color Contrast Check

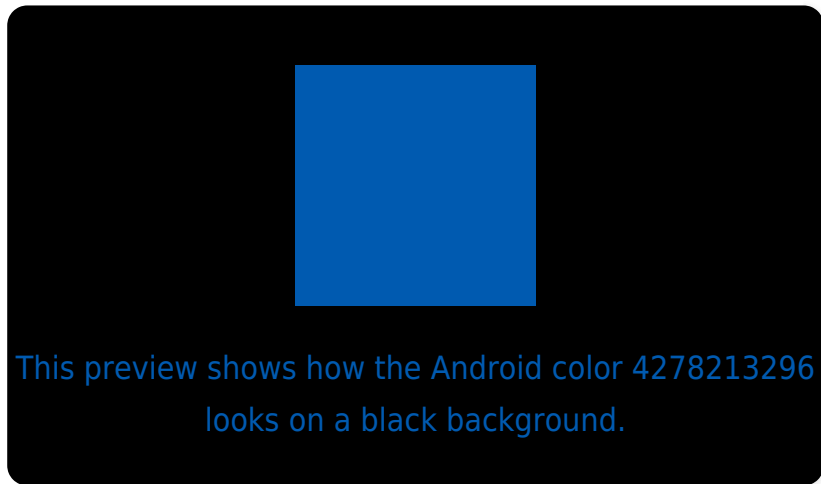
Large Text (above 18pt) WCAG AA ✓ Pass

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

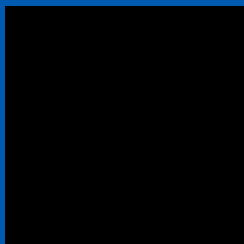
Any Text WCAG AA × Fail

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 4278213296 Background



This preview shows how black text looks on a background with the Android color 4278213296.



This preview shows how white text looks on a background with the Android color 4278213296.

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

4278213296

Protanopia

4280965294

Deuteranopia

4278214050

Trichromacy



Original Color
4278213296

Protanomaly
4279982511

Deuteranomaly
4278213799

Tritanomaly
4278215045

Monochromacy



Original Color
4278213296

Achromatopsia
4282992969

Achromatomaly
4281225070

CSS Examples

Text

The CSS property to change the color of the text to Android 4278213296 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 90, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 90, 176) }
```

Border

The CSS property to change the border of an element to Android 4278213296 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, 176) }
```

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

```
.border{ border-color:rgb(0, 90, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 90, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 90, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 90, 176)  
}
```

Background

The CSS property to change the background color of an element to Android 4278213296 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, 176) }
```

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

```
.background{ background-color: rgb(0, 90,  
176) }
```

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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