

Converting Colors

Android(4278211213)

Have a look what the booklet for
Android(4278211213) contains.

Android(4278211213)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278211213)

Conversions

Conversions Part 1

Format	Color
Hex	00528D
RGB	0, 82, 141
RGB Percent	0%, 32%, 55%
CMY	1.0000, 0.6784, 0.4471
CMYK	1.00, 0.42, 0.00, 0.45
HSL	205°, 100%, 28%
HSV	205°, 100%, 55%
XYZ	7.8250, 7.9577, 26.3229
YIQ	64.2080, -67.8110, 0.9650

Conversions

Conversions Part 2

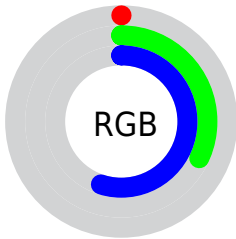
Format	Color
RYB	0, 52, 141
Decimal	21133
CIELab	33.89, 2.45, -38.57
CIElCh	34, 38.644, 273.635
Yxy	7.9577, 0.1858, 0.1890
Android (android.graphics.Color)	4278211213 (0xFF00528D)
YUV	64.2080, 37.8585, -56.3104
Hunter-Lab	28.2093, 0.1479, -35.5785

Details

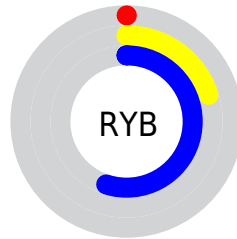
The Android color `4278211213` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287445760`, and the grayscale version is `4282400832`.

A 20% lighter version of the original color is `4283466691`, and `4278199898` is the 20% darker color. If you saturate the color by 10%, you get `4278211213`, and if you desaturate by 10%, it is `4279130253`.

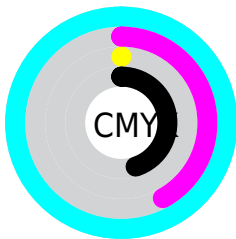
Distribution



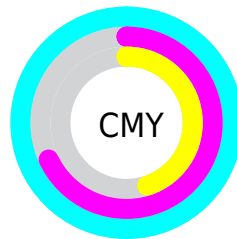
- Red (0%)
- Green (32%)
- Blue (55%)



- Red (0%)
- Yellow (20%)
- Blue (55%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (68%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278211213 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 4278211213 by changing the saturation by 10% instead.

 4278211213

 4278211213

4294967295

 4278205299

 4283466691

 4278199898

 4285373919

 4278194498

 4287281404

 4278190892

 4289123327

 4278190358

 4291031039

 4278190080

 4293001215

 4278211213

 4279130253

■ 4280049293

■ 4280968333

■ 4281887373

■ 4282871693

■ 4283790733

■ 4284709773

■ 4285628813

■ 4286547853

Harmonies

Analogous

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



4278213254



4278211213



4283778691

Triad

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



4278211213



4286855215



4278279219

Complementary

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



4278211213



4287445760

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.



4282210328



4278211213



4285875223

Square

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



4278211213



4286984781



4284239627



4278214227

Rectangle

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



4278211213



4285480308



4284239627



4280245033

Sweetspot

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



4278211213



4286685624



4278226235



4282076764



4292598747



4284243036

Same Dimension

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



4278211213



4278217656



4278193293



4282401863



4278210439



4278191112

Inverse Universe

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



4287430738



4290248811



4287463680



4282859588



4287037519



4278714372

Previews

White Background



This preview shows how the Android color 4278211213 looks on a white background.

Color Contrast Check

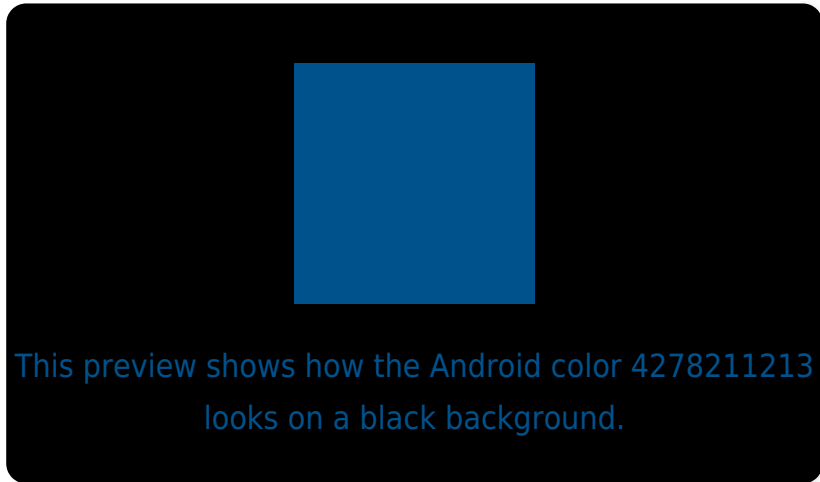
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278211213 Background



This preview shows how black text looks on a background with the Android color 4278211213.



This preview shows how white text looks on a background with the Android color 4278211213.

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

4278211213

Protanopia

4281749129

Deuteranopia

4279849357

Trichromacy



Original Color
4278211213

Protanomaly
4280438666

Deuteranomaly
4279259533

Tritanomaly
4278212208

Monochromacy



Original Color
4278211213

Achromatopsia
4282400832

Achromatomaly
4280895324

CSS Examples

Text

The CSS property to change the color of the text to Android 4278211213 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, 82, 141)` looks like.

```
.text, #text, p{  
    color:rgb(0, 82, 141)  
}
```

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, 82, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 82, 141) }
```

Border

The CSS property to change the border of an element to Android 4278211213 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, 82, 141) }
```

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

```
.border{ border-color:rgb(0, 82, 141) }
```

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

Here you see how a box with a 4 pixel rgb(0, 82, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 82, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 82, 141);  
box-shadow:4px 4px 4px 4px rgb(0, 82, 141)  
}
```

Background

The CSS property to change the background color of an element to Android 4278211213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 82, 141) }
```

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

```
.background{ background-color: rgb(0, 82,  
141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor