

Converting Colors

Android(4280364413)

Have a look what the booklet for
Android(4280364413) contains.

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Color

Android(4280364413)

Conversions

Conversions Part 1

Format	Color
Hex	212D7D
RGB	33, 45, 125
RGB Percent	13%, 18%, 49%
CMY	0.8706, 0.8235, 0.5098
CMYK	0.74, 0.64, 0.00, 0.51
HSL	232°, 58%, 31%
HSV	232°, 74%, 49%
XYZ	5.2673, 3.6808, 19.8349
YIQ	50.5320, -32.8320, 22.3360

Conversions

Conversions Part 2

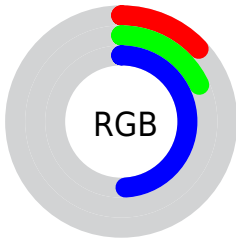
Format	Color
RYB	33, 44, 125
Decimal	2174333
CIELab	22.59, 24.31, -46.85
CIELCh	23, 52.777, 297.421
Yxy	3.6808, 0.1830, 0.1279
Android (android.graphics.Color)	4280364413 (0xFF212D7D)
YUV	50.5320, 36.7127, -15.3756
Hunter-Lab	19.1853, 15.4321, -47.8676

Details

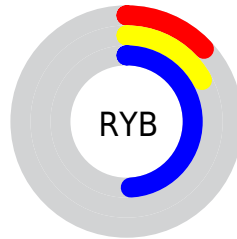
The Android color **4280364413** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4286411041**, and the grayscale version is **4281479730**.

A 20% lighter version of the original color is **4284177330**, and **4278190155** is the 20% darker color. If you saturate the color by 10%, you get **4279575165**, and if you desaturate by 10%, it is **4281219197**.

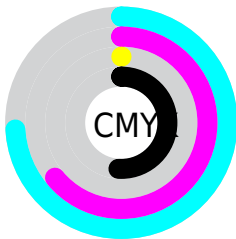
Distribution



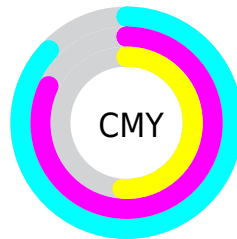
- Red (13%)
- Green (18%)
- Blue (49%)



- Red (13%)
- Yellow (17%)
- Blue (49%)



- Cyan (74%)
- Magenta (64%)
- Yellow (0%)
- Black (51%)



- Cyan (87%)
- Magenta (82%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280364413 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 4280364413 by changing the saturation by 10% instead.



4280364413



4280364413

4294967295



4278196580



4284177330



4278190155



4286018510



4278191155



4287860203



4278190621



4289701887



4278190080



4291543807



4293451519



4294966271



4280364413



4280364413

■ 4279575165

■ 4281219197

■ 4278720381

■ 4282008445

■ 4278194301

■ 4282863229

■ 4283652221

■ 4284507005

■ 4285296253

■ 4286151037

■ 4286940285

■ 4287795069

Harmonies

Analogous

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



4278205830



4280364413



4284485473

Triad

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



4280364413



4284686336



4278207793

Complementary

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



4280364413



4286411041

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.



4278207235



4280364413



4282790656

Square

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



4280364413



4285857813



4280237568



4278208089

Rectangle

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



4280364413



4285595720



4280237568



4278207779

Sweetspot

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



4280364413



4286547107



4280384881



4282138450



4291940817



4283585106

Same Dimension

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



4280364413



4279510691



4282589565



4281940544



4278194560



4278190080

Inverse Universe

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



4286390573



4288877606



4284185889



4282399034



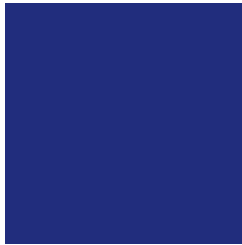
4286578705



4278190080

Previews

White Background



This preview shows how the Android color 4280364413 looks on a white background.

Color Contrast Check

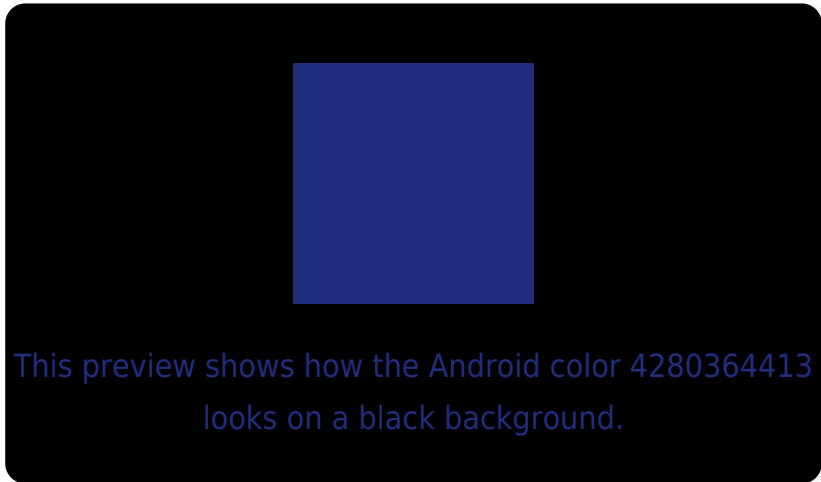
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280364413 Background



This preview shows how black text looks on a background with the Android color 4280364413.



This preview shows how white text looks on a background with the Android color 4280364413.

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

4280364413

Protanopia

4278203502

Deuteranopia

4278204511

Trichromacy



Original Color
4280364413

Protanomaly
4278989171

Deuteranomaly
4278989930

Tritanomaly
4278990678

Monochromacy



Original Color
4280364413

Achromatopsia
4281545523

Achromatomaly
4281086286

CSS Examples

Text

The CSS property to change the color of the text to Android 4280364413 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(33, 45, 125)` looks like.

```
.text, #text, p{  
    color:rgb(33, 45, 125)  
}
```

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(33, 45, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 45, 125) }
```

Border

The CSS property to change the border of an element to Android 4280364413 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(33, 45, 125) }
```

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

```
.border{ border-color:rgb(33, 45, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 45, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 45, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 45, 125);  
box-shadow:4px 4px 4px 4px rgb(33, 45,  
125) }
```

Background

The CSS property to change the background color of an element to Android 4280364413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 45, 125) }
```

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

```
.background{ background-color: rgb(33, 45,  
125) }
```

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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