

Converting Colors

Android(4281090416)

Have a look what the booklet for
Android(4281090416) contains.

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Color

Android(4281090416)

Conversions

Conversions Part 1

Format	Color
Hex	2C4170
RGB	44, 65, 112
RGB Percent	17%, 25%, 44%
CMY	0.8275, 0.7451, 0.5608
CMYK	0.61, 0.42, 0.00, 0.56
HSL	221°, 44%, 31%
HSV	221°, 61%, 44%
XYZ	5.8536, 5.4859, 16.0796
YIQ	64.0790, -27.6030, 10.1650

Conversions

Conversions Part 2

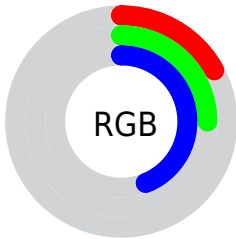
Format	Color
RYB	44, 60, 112
Decimal	2900336
CIELab	28.08, 7.47, -29.72
CIElCh	28, 30.645, 284.106
Yxy	5.4859, 0.2135, 0.2001
Android (android.graphics.Color)	4281090416 (0xFF2C4170)
YUV	64.0790, 23.6251, -17.6093
Hunter-Lab	23.4220, 3.6221, -24.3081




Details

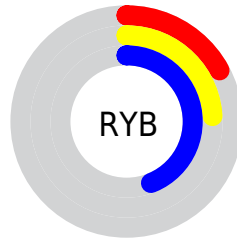
The Android color **4281090416** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4285553452**, and the grayscale version is **4282400832**.




A 20% lighter version of the original color is **4284510372**, and **4278196032** is the 20% darker color. If you saturate the color by 10%, you get **4280367472**, and if you desaturate by 10%, it is **4281813360**.

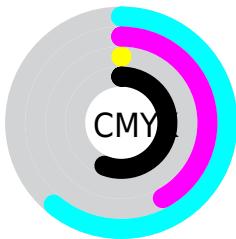
Distribution







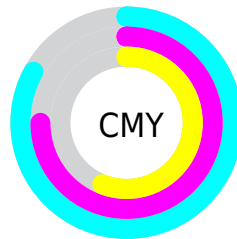
-  Red (17%)
-  Green (25%)
-  Blue (44%)






-  Red (17%)
-  Yellow (24%)
-  Blue (44%)



-  Cyan (61%)
-  Magenta (42%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (83%)
-  Magenta (75%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281090416 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 4281090416 by changing the saturation by 10% instead.

■ 4281090416

■ 4281090416

4294967295

■ 4279184215

■ 4284510372

■ 4278196032

■ 4286220991

■ 4278190889

■ 4287997147

■ 4278190356

■ 4289773560

■ 4278190080

■ 4291615743

■ 4293523455

■ 4281090416

■ 4281090416

■ 4280367472

■ 4281813360

■ 4279644784

■ 4282536048

■ 4278856304

■ 4283324528

■ 4278199152

■ 4284047472

■ 4284770416

■ 4285493104

■ 4286216048

■ 4287004528

■ 4287727472

Harmonies

Analogous

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



4278208623



4281090416



4283578212

Triad

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



4281090416



4285018914



4278209845

Complementary

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



4281090416



4285553452

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.



4280961567



4281090416



4284103955

Square

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



4281090416



4285410616



4282729745



4278210125

Rectangle

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



4281090416



4284625239



4282729745



4279192621

Sweetspot

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



4281090416



4286021521



4281102426



4282007370



4291414473



4283058762

Same Dimension

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



4281090416



4280764561



4281871472



4281480248



4278199672



4278209783

Inverse Universe

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



4285541441



4287702856



4284772396



4281872948



4286054437



4294377548

Previews

White Background



This preview shows how the Android color 4281090416 looks on a white background.

Color Contrast Check

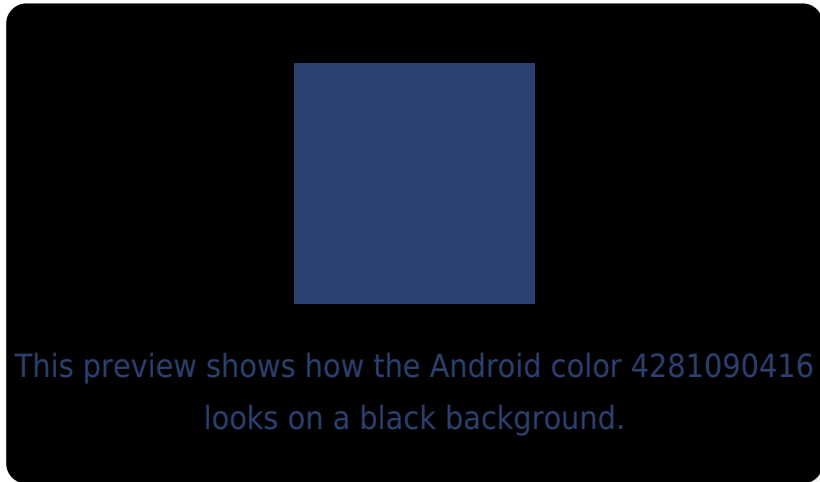
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281090416 Background



This preview shows how black text looks on a background with the Android color 4281090416.



This preview shows how white text looks on a background with the Android color 4281090416.

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
4281090416

Protanopia
4281221488

Deuteranopia
4280435568

Trichromacy



Original Color

4281090416

Protanomaly

4281155952

Deuteranomaly

4280697456

Tritanomaly

4280436058

Monochromacy



Original Color

4281090416

Achromatopsia

4282400832

Achromatomaly

4281942097

CSS Examples

Text

The CSS property to change the color of the text to Android 4281090416 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(44, 65, 112)` looks like.

```
.text, #text, p{  
    color:rgb(44, 65, 112)  
}
```

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(44, 65, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 65, 112) }
```

Border

The CSS property to change the border of an element to Android 4281090416 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(44, 65, 112) }
```

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

```
.border{ border-color:rgb(44, 65, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 65, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 65, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 65, 112);  
box-shadow:4px 4px 4px 4px rgb(44, 65,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4281090416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 65, 112) }
```

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

```
.background{ background-color: rgb(44, 65,  
112) }
```

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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