

Converting Colors

Android(4280099917)

Have a look what the booklet for
Android(4280099917) contains.

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Color

Android(4280099917)

Conversions

Conversions Part 1

Format	Color
Hex	1D244D
RGB	29, 36, 77
RGB Percent	11%, 14%, 30%
CMY	0.8863, 0.8588, 0.6980
CMYK	0.62, 0.53, 0.00, 0.70
HSL	231°, 45%, 21%
HSV	231°, 62%, 30%
XYZ	2.4771, 2.0588, 7.2880
YIQ	38.5810, -17.3330, 11.2670

Conversions

Conversions Part 2

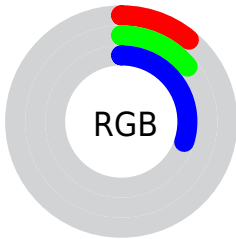
Format	Color
RYB	29, 35, 77
Decimal	1909837
CIELab	15.79, 11.20, -26.39
CIElCh	16, 28.670, 293.006
Yxy	2.0588, 0.2095, 0.1741
Android (android.graphics.Color)	4280099917 (0xFF1D244D)
YUV	38.5810, 18.9406, -8.4025
Hunter-Lab	14.3485, 5.7065, -20.0712




Details

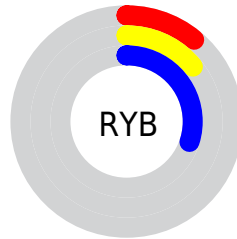
The Android color `4280099917` is a dark color, and the websafe version is hex `333366`. A complement of this color would be `4283254301`, and the grayscale version is `4280690214`.




A 20% lighter version of the original color is `4283322494`, and `4278190624` is the 20% darker color. If you saturate the color by 10%, you get `4279573837`, and if you desaturate by 10%, it is `4280625997`.

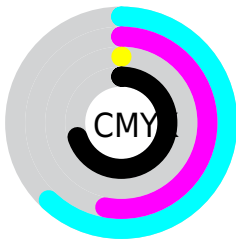
Distribution







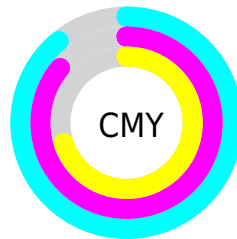
-  Red (11%)
-  Green (14%)
-  Blue (30%)






-  Red (11%)
-  Yellow (14%)
-  Blue (30%)



-  Cyan (62%)
-  Magenta (53%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (89%)
-  Magenta (86%)
-  Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280099917 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 4280099917 by changing the saturation by 10% instead.



4280099917



4280099917

4294967295



4278390582



4283322494



4278190624



4284967064



4278190085



4286677427



4278190080



4288388047



4290164459



4292006655



4293914367



4280099917



4280099917

■ 4279573837

■ 4280625997

■ 4279113549

■ 4281086285

■ 4278587469

■ 4281612365

■ 4278192973

■ 4282138189

■ 4282664269

■ 4283124557

■ 4283650637

■ 4284176717

■ 4284637005

Harmonies

Analogous

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



4278201168



4280099917



4282063424

Triad

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



4280099917



4282653698



4278202402

Complementary

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



4280099917



4283254301

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.



4278529804



4280099917



4281738496

Square

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



4280099917



4283110425



4280494848



4278202679

Rectangle

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



4280099917



4282783028



4280494848



4278202395

Sweetspot

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



4280099917



4283519843



4280110406



4280756531



4289967027



4281545523

Same Dimension

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



4280099917



4279837795



4281212237



4280427302



4278194022



4278198758

Inverse Universe

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



4283243812



4284684580



4282141981



4280689187



4284874767



4293263393

Previews

White Background



This preview shows how the Android color 4280099917 looks on a white background.

Color Contrast Check

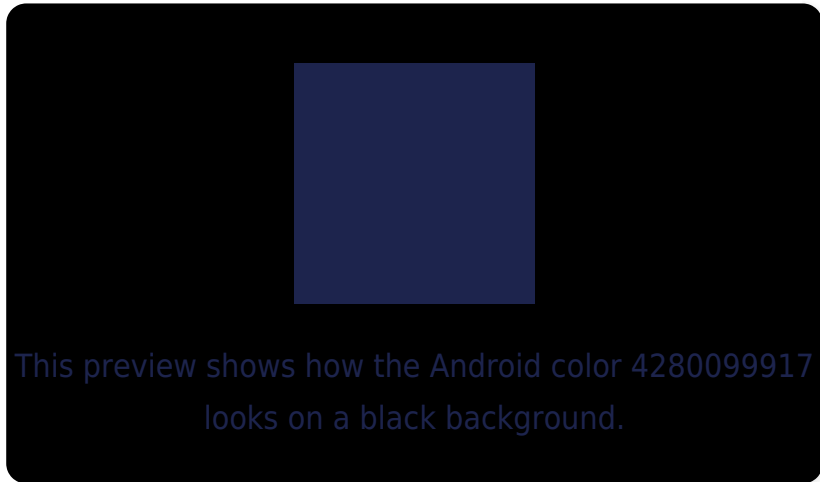
Large Text (above 18pt) WCAG AA ✓ Pass

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

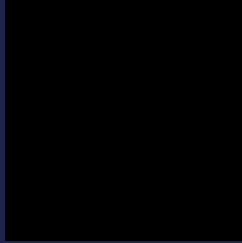
Any Text WCAG AA × Fail

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 4280099917 Background



This preview shows how black text looks on a background with the Android color 4280099917.



This preview shows how white text looks on a background with the Android color 4280099917.

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
4280099917

Protanopia
4278920783

Deuteranopia
4278200391

Trichromacy



Original Color

4280099917

Protanomaly

4279379278

Deuteranomaly

4278921033

Tritanomaly

4279445818

Monochromacy



Original Color

4280099917

Achromatopsia

4280756007

Achromatomaly

4280493621

CSS Examples

Text

The CSS property to change the color of the text to Android 4280099917 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(29, 36, 77)` looks like.

```
.text, #text, p{  
    color:rgb(29, 36, 77)  
}
```

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(29, 36, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 36, 77) }
```

Border

The CSS property to change the border of an element to Android 4280099917 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(29, 36, 77) }
```

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

```
.border{ border-color:rgb(29, 36, 77) }
```

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

Here you see how a box with a 4 pixel rgb(29, 36, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 36, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 36, 77);  
box-shadow:4px 4px 4px 4px rgb(29, 36, 77)  
}
```

Background

The CSS property to change the background color of an element to Android 4280099917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 36, 77) }
```

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

```
.background{ background-color: rgb(29, 36,  
77) }
```

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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