

Converting Colors

Android(4279313475)

Have a look what the booklet for
Android(4279313475) contains.

Android(4279313475)	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(4279313475)

Conversions

Conversions Part 1

Format	Color
Hex	112443
RGB	17, 36, 67
RGB Percent	7%, 14%, 26%
CMY	0.9333, 0.8588, 0.7373
CMYK	0.75, 0.46, 0.00, 0.74
HSL	217°, 60%, 16%
HSV	217°, 75%, 26%
XYZ	1.8752, 1.7862, 5.5561
YIQ	33.8530, -21.2750, 5.6130

Conversions

Conversions Part 2

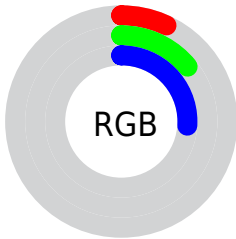
Format	Color
R_{YB}	17, 31, 67
Decimal	1123395
CIE Lab	14.32, 4.40, -21.90
CIE LCh	14, 22.340, 281.369
Yxy	1.7862, 0.2034, 0.1938
Android (android.graphics.Color)	4279313475 (0xFF112443)
YUV	33.8530, 16.3415, -14.7801
Hunter-Lab	13.3648, 1.6563, -15.2932

Details

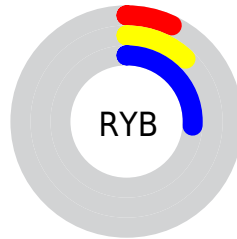
The Android color **4279313475** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4282593297**, and the grayscale version is **4280427042**.

A 20% lighter version of the original color is **4282536051**, and **4278190360** is the 20% darker color. If you saturate the color by 10%, you get **4278853699**, and if you desaturate by 10%, it is **4279773251**.

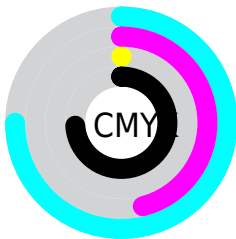
Distribution



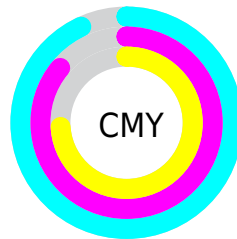
- Red (7%)
- Green (14%)
- Blue (26%)



- Red (7%)
- Yellow (12%)
- Blue (26%)



- Cyan (75%)
- Magenta (46%)
- Yellow (0%)
- Black (74%)



- Cyan (93%)
- Magenta (86%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279313475 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 4279313475 by changing the saturation by 10% instead.



4279313475



4279313475

4294901759



4278193709



4282536051



4278190360



4284180621



4278190080



4285825447



4287536067



4289312479



4291154683



4292996863



4279313475



4279313475

■ 4278853699

■ 4279773251

■ 4278459459

■ 4280167491

■ 4278196547

■ 4280627267

■ 4281087299

■ 4281547075

■ 4281941315

■ 4282401091

■ 4282860867

■ 4283255107

Harmonies

Analogous

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



4278200642



4279313475



4281146940

Triad

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



4279313475



4282259984



4278201114

Complementary

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



4279313475



4282593297

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.



4279642377



4279313475



4281671680

Square

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



4279313475



4282455583



4280820992



4278201386

Rectangle

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



4279313475



4281866548



4280820992



4278528789

Sweetspot

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



4279313475



4282665815



4279321392



4280296491



4289440683



4281019179

Same Dimension

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



4279313475



4278789719



4279701827



4280164129



4278199649



4278212064

Inverse Universe

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



4282585380



4283894054



4282204945



4280360479



4284547109



4292870229

Previews

White Background



This preview shows how the Android color 4279313475 looks on a white background.

Color Contrast Check

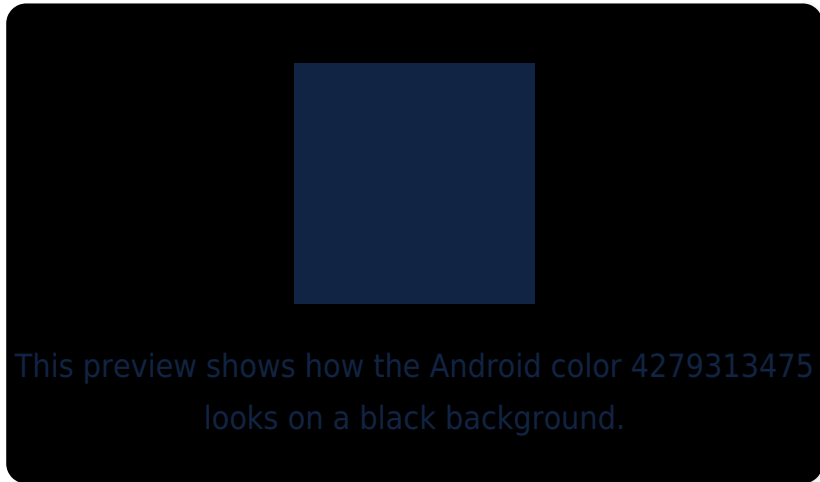
Large Text (above 18pt) WCAG AA ✓ Pass

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

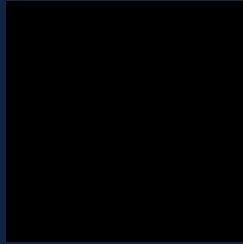
Any Text WCAG AA × Fail

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 4279313475 Background



This preview shows how black text looks on a background with the Android color 4279313475.



This preview shows how white text looks on a background with the Android color 4279313475.

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

4279313475

Protanopia

4279575362

Deuteranopia

4278199618

Trichromacy



Original Color

4279313475

Protanomaly

4279509826

Deuteranomaly

4278592834

Tritanomaly

4278593332

Monochromacy



Original Color

4279313475

Achromatopsia

4280427042

Achromatomaly

4280034094

CSS Examples

Text

The CSS property to change the color of the text to Android 4279313475 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(17, 36, 67)` looks like.

```
.text, #text, p{  
    color:rgb(17, 36, 67)  
}
```

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(17, 36, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 36, 67) }
```

Border

The CSS property to change the border of an element to Android 4279313475 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(17, 36, 67) }
```

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

```
.border{ border-color:rgb(17, 36, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 36, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 36, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 36, 67);  
box-shadow:4px 4px 4px 4px rgb(17, 36, 67)  
}
```

Background

The CSS property to change the background color of an element to Android 4279313475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 36, 67) }
```

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

```
.background{ background-color: rgb(17, 36,  
67) }
```

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