

Converting Colors

Android(4278193257)

Have a look what the booklet for
Android(4278193257) contains.

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Color

Android(4278193257)

Conversions

Conversions Part 1

Format	Color
Hex	000C69
RGB	0, 12, 105
RGB Percent	0%, 5%, 41%
CMY	1.0000, 0.9529, 0.5882
CMYK	1.00, 0.89, 0.00, 0.59
HSL	233°, 100%, 21%
HSV	233°, 100%, 41%
XYZ	2.6813, 1.2829, 13.4709
YIQ	19.0140, -37.0050, 26.3790

Conversions

Conversions Part 2

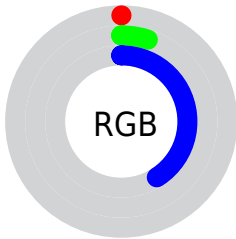
Format	Color
RYB	0, 11, 105
Decimal	3177
CIELab	11.16, 35.16, -52.84
CIELCh	11, 63.467, 303.641
Yxy	1.2829, 0.1538, 0.0736
Android (android.graphics.Color)	4278193257 (0xFF000C69)
YUV	19.0140, 42.3911, -16.6753
Hunter-Lab	11.3264, 22.4349, -62.5875

Details

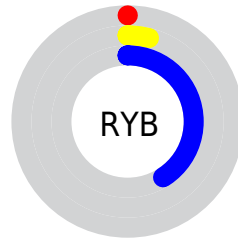
The Android color **4278193257** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4285095168**, and the grayscale version is **4279440147**.

A 20% lighter version of the original color is **4282988701**, and **4278191416** is the 20% darker color. If you saturate the color by 10%, you get **4278193257**, and if you desaturate by 10%, it is **4278850921**.

Distribution



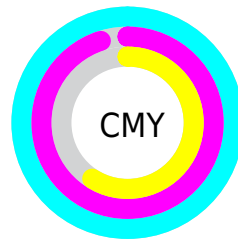
- Red (0%)
- Green (5%)
- Blue (41%)



- Red (0%)
- Yellow (4%)
- Blue (41%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (95%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278193257 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 4278193257 by changing the saturation by 10% instead.

 4278193257

 4278193257

 4294963199

 4278190160

 4282988701

 4278191416

 4284829881

 4278190626

 4286671061

 4278190088

 4288512754

 4278190080

 4290354431

 4292261887

 4294235135

 4278193257

■ 4278850921

■ 4279574377

■ 4280297577

■ 4280955241

■ 4281678441

■ 4282336361

■ 4283059561

■ 4283717225

■ 4284440681

Harmonies

Analogous

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



4278199673



4278193257



4283498565

Triad

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



4278193257



4282582272



4278201378

Complementary

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



4278193257



4285095168

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.



4278201088



4278193257



4280426240

Square

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



4278193257



4284088320



4278200320



4278201934

Rectangle

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



4278193257



4284416041



4278200320



4278201107

Sweetspot

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



4278193257



4284507530



4278217053



4281085765



4291085508



4282729797

Same Dimension

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



4278193257



4278194314



4280811625



4281348406



4278193525



4278197493

Inverse Universe

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



4285071372



4287234064



4282476800



4281741361



4285857805



4294246428

Previews

White Background



This preview shows how the Android color 4278193257 looks on a white background.

Color Contrast Check

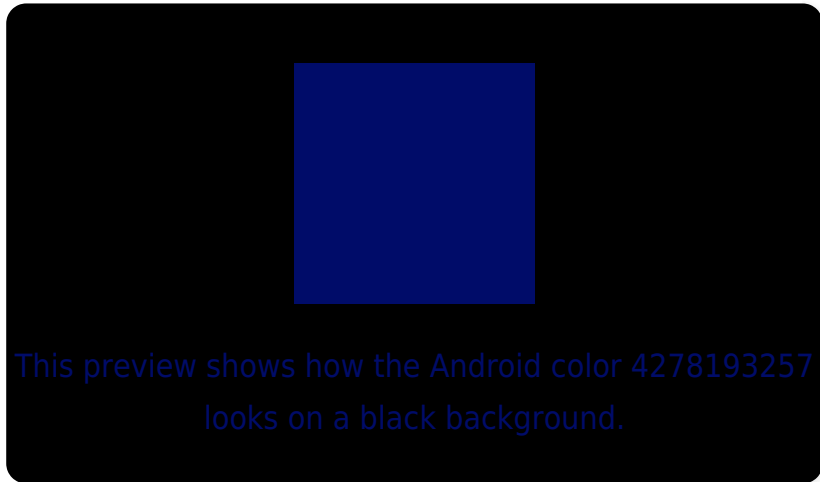
Large Text (above 18pt) WCAG AA ✓ Pass

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

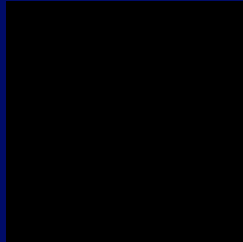
Any Text WCAG AA × Fail

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 4278193257 Background



This preview shows how black text looks on a background with the Android color 4278193257.



This preview shows how white text looks on a background with the Android color 4278193257.

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
4278193257

Protanopia
4278198339

Deuteranopia
4278198841

Trichromacy



Original Color

4278193257

Protanomaly

4278196561

Deuteranomaly

4278196810

Tritanomaly

4278197310

Monochromacy



Original Color

4278193257

Achromatopsia

4279440147

Achromatomaly

4278980658

CSS Examples

Text

The CSS property to change the color of the text to Android 4278193257 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, 12, 105)` looks like.

```
.text, #text, p{  
    color:rgb(0, 12, 105)  
}
```

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, 12, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 12, 105) }
```

Border

The CSS property to change the border of an element to Android 4278193257 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, 12, 105) }
```

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

```
.border{ border-color:rgb(0, 12, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 12, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 12, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 12, 105);  
box-shadow:4px 4px 4px 4px rgb(0, 12, 105)  
}
```

Background

The CSS property to change the background color of an element to Android 4278193257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 12, 105) }
```

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

```
.background{ background-color: rgb(0, 12,  
105) }
```

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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