

Converting Colors

Android(4278517856)

Have a look what the booklet for
Android(4278517856) contains.

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Color

Android(4278517856)

Conversions

Conversions Part 1

Format	Color
Hex	050060
RGB	5, 0, 96
RGB Percent	2%, 0%, 38%
CMY	0.9804, 1.0000, 0.6235
CMYK	0.95, 1.00, 0.00, 0.62
HSL	243°, 100%, 19%
HSV	243°, 100%, 38%
XYZ	2.1739, 0.8768, 11.1210
YIQ	12.4390, -27.8360, 30.9160

Conversions

Conversions Part 2

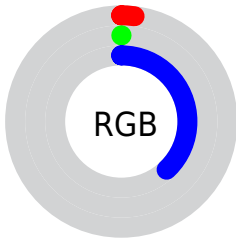
Format	Color
RYB	5, 0, 96
Decimal	327776
CIELab	7.92, 38.83, -52.25
CIELCh	8, 65.094, 306.617
Yxy	0.8768, 0.1534, 0.0619
Android (android.graphics.Color)	4278517856 (0xFF050060)
YUV	12.4390, 41.1956, -6.5240
Hunter-Lab	9.3637, 25.0545, -63.8622

Details

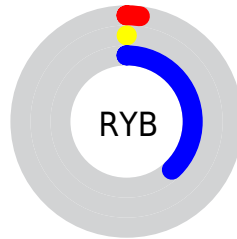
The Android color **4278517856** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4284178432**, and the grayscale version is **4278979596**.

A 20% lighter version of the original color is **4282985876**, and **4278191152** is the 20% darker color. If you saturate the color by 10%, you get **4278517856**, and if you desaturate by 10%, it is **4279110240**.

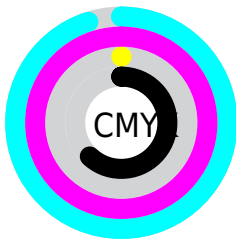
Distribution



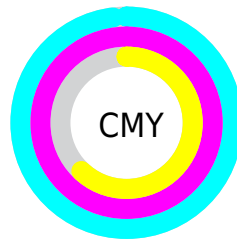
- Red (2%)
- Green (0%)
- Blue (38%)



- Red (2%)
- Yellow (0%)
- Blue (38%)



- Cyan (95%)
- Magenta (100%)
- Yellow (0%)
- Black (62%)



- Cyan (98%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278517856 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 4278517856 by changing the saturation by 10% instead.

 4278517856

 4278517856

 4294960127

 4278190152

 4282985876

 4278191152

 4284827055

 4278190362

 4286602699

 4278190080

 4288444135

 4290351359

 4292258815

 4294166527

 4278517856

■ 4279110240

■ 4279702368

■ 4280294752

■ 4280886880

■ 4281479264

■ 4282137184

■ 4282729312

■ 4283321696

■ 4283913824

Harmonies

Analogous

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



4278197874



4278517856



4283170875

Triad

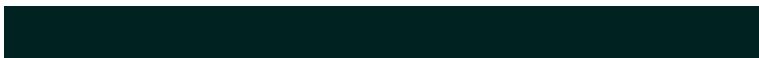
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278517856



4281860608



4278199073

Complementary

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



4278517856



4284178432

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.



4278199040



4278517856



4279572992

Square

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



4278517856



4283367424



4278199040



4278199884

Rectangle

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



4278517856



4283957279



4278199040



4278199057

Sweetspot

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



4278517856



4284045181



4278213472



4280953152



4290756543



4282400832

Same Dimension

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



4278517856



4278648957



4281663584



4281084976



4278583408



4278976752

Inverse Universe

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



4284481627



4286382198



4281032704



4281347120



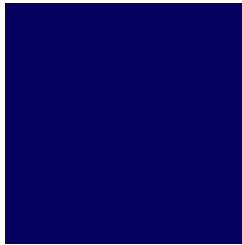
4285530218



4293918947

Previews

White Background



This preview shows how the Android color 4278517856 looks on a white background.

Color Contrast Check

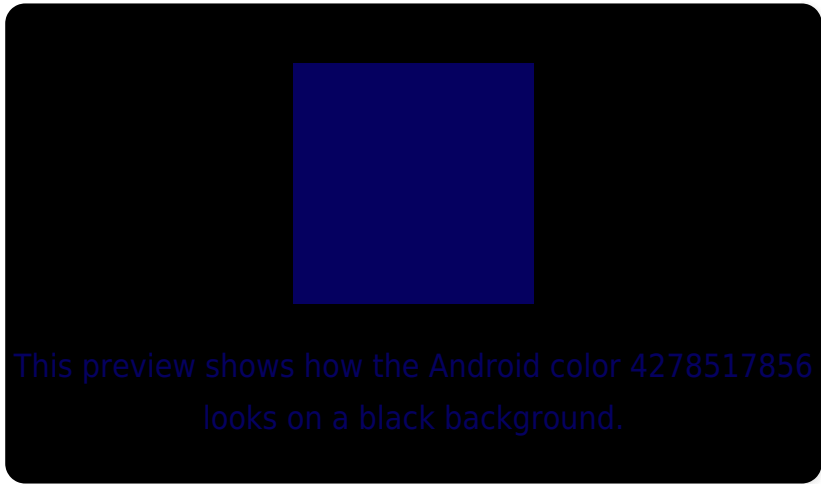
Large Text (above 18pt) WCAG AA ✓ Pass

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

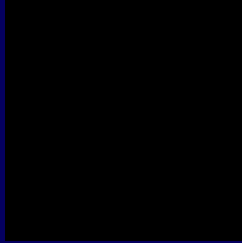
Any Text WCAG AA × Fail

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 4278517856 Background



This preview shows how black text looks on a background with the Android color 4278517856.



This preview shows how white text looks on a background with the Android color 4278517856.

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
4278517856

Protanopia
4278197307

Deuteranopia
4278197810



Tritanopia
4278198306

Trichromacy



Original Color

4278517856

Protanomaly

4278325832

Deuteranomaly

4278326083

Tritanomaly

4278326329

Monochromacy



Original Color

4278517856

Achromatopsia

4278979596

Achromatomaly

4278781995

CSS Examples

Text

The CSS property to change the color of the text to Android 4278517856 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(5, 0, 96)` looks like.

```
.text, #text, p{  
    color:rgb(5, 0, 96)  
}
```

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(5, 0, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 0, 96) }
```

Border

The CSS property to change the border of an element to Android 4278517856 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(5, 0, 96) }
```

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

```
.border{ border-color:rgb(5, 0, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 0, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 0, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 0, 96); box-shadow:4px  
4px 4px 4px rgb(5, 0, 96) }
```

Background

The CSS property to change the background color of an element to Android 4278517856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 0, 96) }
```

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

```
.background{ background-color: rgb(5, 0,  
96) }
```

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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