

Converting Colors

Android(4278714416)

Have a look what the booklet for
Android(4278714416) contains.

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Color

Android(4278714416)

Conversions

Conversions Part 1

Format	Color
Hex	080030
RGB	8, 0, 48
RGB Percent	3%, 0%, 19%
CMY	0.9686, 1.0000, 0.8118
CMYK	0.83, 1.00, 0.00, 0.81
HSL	250°, 100%, 9%
HSV	250°, 100%, 19%
XYZ	0.6336, 0.2650, 2.8141
YIQ	7.8640, -10.6400, 16.6240

Conversions

Conversions Part 2

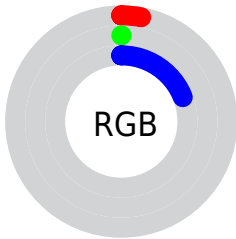
Format	Color
R_YB	8, 0, 48
Decimal	524336
CIE Lab	2.39, 15.64, -27.42
CIE LCh	2, 31.564, 299.698
Yxy	0.2650, 0.1707, 0.0714
Android (android.graphics.Color)	4278714416 (0xFF080030)
YUV	7.8640, 19.7870, 0.1193
Hunter-Lab	5.1481, 12.9613, -28.8059

Details

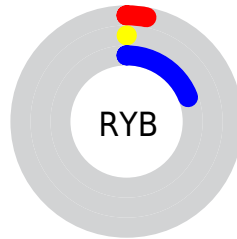
The Android color **4278714416** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4280823808**, and the grayscale version is **4278716424**.

A 20% lighter version of the original color is **4281675614**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278714416**, and if you desaturate by 10%, it is **4278977840**.

Distribution



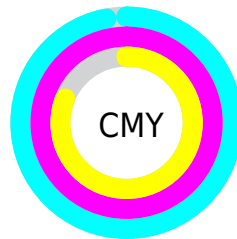
- Red (3%)
- Green (0%)
- Blue (19%)



- Red (3%)
- Yellow (0%)
- Blue (19%)



- Cyan (83%)
- Magenta (100%)
- Yellow (0%)
- Black (81%)



- Cyan (97%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278714416 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 4278714416 by changing the saturation by 10% instead.

 4278714416

 4278714416

 4293845503

 4278190362

 4281675614

 4278190080


 4283254391

 4284898705

 4286543532

 4288319687

 4290095844

 4291937791

 4278714416

■ 4278977840

■ 4279241264

■ 4279504432

■ 4279767856

■ 4280031280

■ 4280294704

■ 4280558128

■ 4280821296

■ 4281084720

Harmonies

Analogous

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



4278193461



4278714416



4280614945

Triad

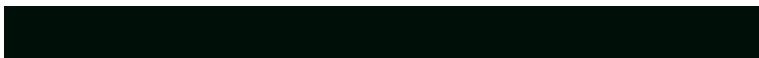
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278714416



4280483840



4278194184

Complementary

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



4278714416



4280823808

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.



4278193920



4278714416



4279109632

Square

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



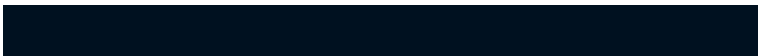
4278714416



4281139200



4278193920



4278194464

Rectangle

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



4278714416



4281073685



4278193920

Sweetspot

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



4278714416



4281215805



4278200368



4279571487



4288585374



4280229663

Same Dimension

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



4278714416



4278845501



4280287280



4279571735



4279107671



4280549590

Inverse Universe

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



4281335848



4282187827



4279250944



4279702807



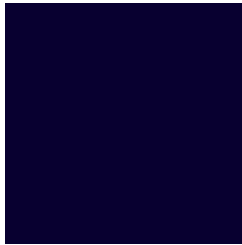
4283891784



4292214963

Previews

White Background



This preview shows how the Android color 4278714416 looks on a white background.

Color Contrast Check

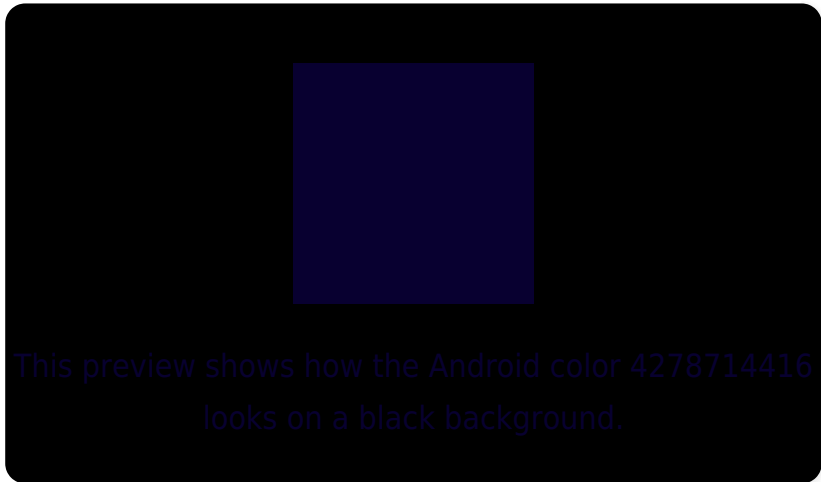
Large Text (above 18pt) WCAG AA ✓ Pass

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

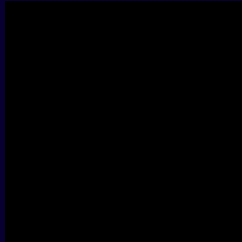
Any Text WCAG AA × Fail

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 4278714416 Background



This preview shows how black text looks on a background with the Android color 4278714416.



This preview shows how white text looks on a background with the Android color 4278714416.

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
4278714416

Protanopia
4278193694

Deuteranopia
4278193946



Tritanopia
4278194449

Trichromacy



Original Color

4278714416

Protanomaly

4278389029

Deuteranomaly

4278389282

Tritanomaly

4278389532

Monochromacy



Original Color

4278714416

Achromatopsia

4278716424

Achromatomaly

4278715671

CSS Examples

Text

The CSS property to change the color of the text to Android 4278714416 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(8, 0, 48)` looks like.

```
.text, #text, p{  
    color:rgb(8, 0, 48)  
}
```

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(8, 0, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 0, 48) }
```

Border

The CSS property to change the border of an element to Android 4278714416 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(8, 0, 48) }
```

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

```
.border{ border-color:rgb(8, 0, 48) }
```

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

Here you see how a box with a 4 pixel rgb(8, 0, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 0, 48); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 0, 48); box-shadow:4px  
4px 4px 4px rgb(8, 0, 48) }
```

Background

The CSS property to change the background color of an element to Android 4278714416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 0, 48) }
```

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

```
.background{ background-color: rgb(8, 0,  
48) }
```

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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