

Converting Colors

Android(4278716448)

Have a look what the booklet for
Android(4278716448) contains.

Android(4278716448)	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(4278716448)

Conversions

Conversions Part 1

Format	Color
Hex	080820
RGB	8, 8, 32
RGB Percent	3%, 3%, 13%
CMY	0.9686, 0.9686, 0.8745
CMYK	0.75, 0.75, 0.00, 0.87
HSL	240°, 60%, 8%
HSV	240°, 75%, 13%
XYZ	0.4477, 0.3296, 1.4065
YIQ	10.7360, -7.7040, 7.4640

Conversions

Conversions Part 2

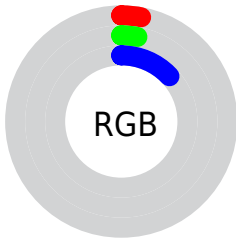
Format	Color
RYB	8, 8, 32
Decimal	526368
CIELab	2.98, 5.51, -14.21
CIELCh	3, 15.238, 291.186
Yxy	0.3296, 0.2050, 0.1509
Android (android.graphics.Color)	4278716448 (0xFF080820)
YUV	10.7360, 10.4832, -2.3995
Hunter-Lab	5.7409, 3.8733, -10.5075

Details

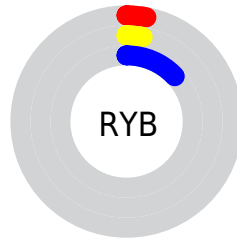
The Android color **4278716448** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4280295432**, and the grayscale version is **4278913803**.

A 20% lighter version of the original color is **4281611596**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278519072**, and if you desaturate by 10%, it is **4278913824**.

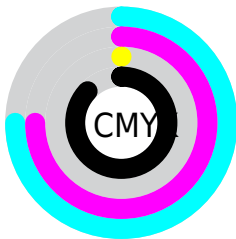
Distribution



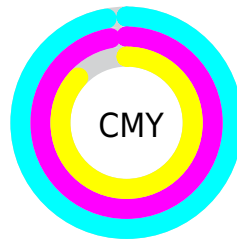
- Red (3%)
- Green (3%)
- Blue (13%)



- Red (3%)
- Yellow (3%)
- Blue (13%)



- Cyan (75%)
- Magenta (75%)
- Yellow (0%)
- Black (87%)



- Cyan (97%)
- Magenta (97%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278716448 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 4278716448 by changing the saturation by 10% instead.

■ 4278716448

■ 4278716448

■ 4293454335

■ 4278190085

■ 4281611596

■ 4278190080

■ 4283124836

■ 4284703869

■ 4286348439

■ 4288059057

■ 4289835469

■ 4291611881

■ 4278716448

■ 4278716448

■ 4278519072

■ 4278913824

■ 4278321696

■ 4279111200

■ 4278190112

■ 4279374368

■ 4279571744

■ 4279769120

■ 4279966496

■ 4280163872

■ 4280427040

■ 4280624416

Harmonies

Analogous

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



4278193697



4278716448



4279763738

Triad

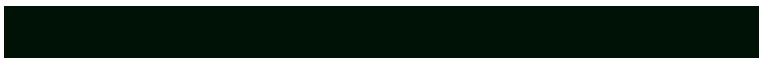
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4278716448



4280156928



4278194693

Complementary

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



4278716448



4280295432

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.



4278194688



4278716448



4279503104

Square

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



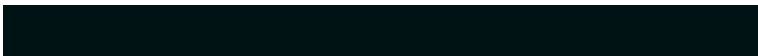
4278716448



4280418304



4278324736



4278194964

Rectangle

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



4278716448



4280156180



4278324736



4278194688

Sweetspot

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



4278716448



4280229673



4278722592



4279176980



4287927444



4279505940

Same Dimension

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



4278716448



4278453289



4279502880



4279111183



4278190159



4278190287

Inverse Universe

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



4280289312



4280878121



4279509000



4279176719



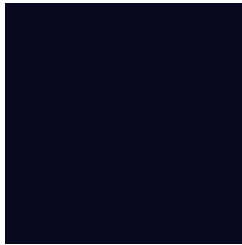
4283367503



4291756239

Previews

White Background



This preview shows how the Android color 4278716448 looks on a white background.

Color Contrast Check

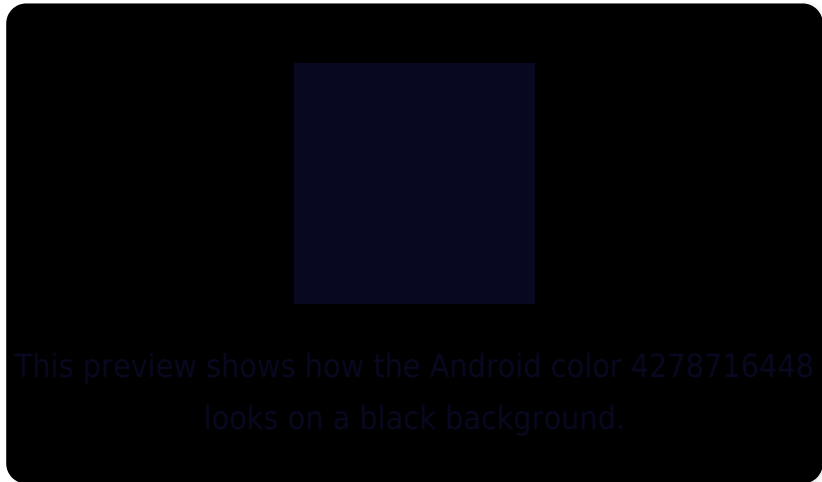
Large Text (above 18pt) WCAG AA ✓ Pass

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

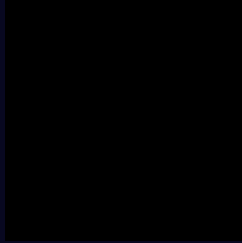
Any Text WCAG AA × Fail

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 4278716448 Background



This preview shows how black text looks on a background with the Android color 4278716448.



This preview shows how white text looks on a background with the Android color 4278716448.

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
4278716448

Protanopia
4278193176

Deuteranopia
4278193173



Tritanopia
4278193422

Trichromacy



Original Color

4278716448

Protanomaly

4278389531

Deuteranomaly

4278389529

Tritanomaly

4278389525

Monochromacy



Original Color

4278716448

Achromatopsia

4278913803

Achromatomaly

4278848019

CSS Examples

Text

The CSS property to change the color of the text to Android 4278716448 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, 8, 32)` looks like.

```
.text, #text, p{  
    color:rgb(8, 8, 32)  
}
```

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, 8, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 8, 32) }
```

Border

The CSS property to change the border of an element to Android 4278716448 is called "border". The border property can be set on classes, ids or directly on the HTML element.

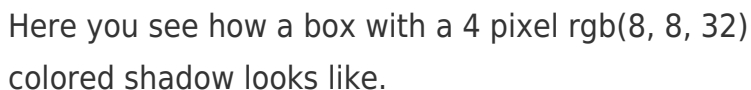
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(8, 8, 32) }
```

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

```
.border{ border-color:rgb(8, 8, 32) }
```

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



Here you see how a box with a 4 pixel `rgb(8, 8, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 8, 32); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 8, 32); box-shadow:4px  
4px 4px 4px rgb(8, 8, 32) }
```

Background

The CSS property to change the background color of an element to Android 4278716448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 8, 32) }
```

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

```
.background{ background-color: rgb(8, 8,  
32) }
```

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