

Converting Colors

Android(4278194212)

Have a look what the booklet for
Android(4278194212) contains.

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Color

Android(4278194212)

Conversions

Conversions Part 1

Format	Color
Hex	001024
RGB	0, 16, 36
RGB Percent	0%, 6%, 14%
CMY	1.0000, 0.9373, 0.8588
CMYK	1.00, 0.56, 0.00, 0.86
HSL	213°, 100%, 7%
HSV	213°, 100%, 14%
XYZ	0.5037, 0.4980, 1.7386
YIQ	13.4960, -15.9560, 2.8280

Conversions

Conversions Part 2

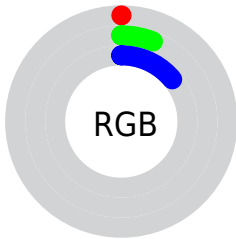
Format	Color
R_{YB}	0, 11, 36
Decimal	4132
CIE Lab	4.50, 1.25, -15.02
CIE LCh	4, 15.073, 274.744
Yxy	0.4980, 0.1838, 0.1817
Android (android.graphics.Color)	4278194212 (0xFF001024)
YUV	13.4960, 11.0945, -11.8360
Hunter-Lab	7.0566, 0.3930, -9.6685

Details

The Android color **4278194212** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4280554496**, and the grayscale version is **4279045389**.

A 20% lighter version of the original color is **4281219921**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278194212**, and if you desaturate by 10%, it is **4278456868**.

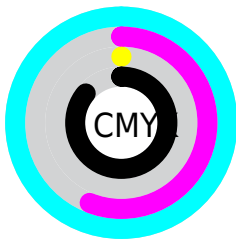
Distribution



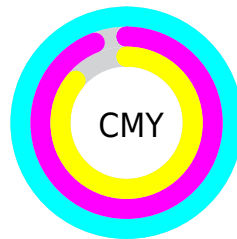
- Red (0%)
- Green (6%)
- Blue (14%)



- Red (0%)
- Yellow (4%)
- Blue (14%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (86%)



- Cyan (100%)
- Magenta (94%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278194212 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 4278194212 by changing the saturation by 10% instead.

■ 4278194212

■ 4278194212

■ 4293128447

■ 4278190349

■ 4281219921

■ 4278190080

■ 4282733161

■ 4284312194

■ 4285957020

■ 4287667639

■ 4289444051

■ 4291220463

■ 4278194212

■ 4278456868

■ 4278653988

■ 4278916644

■ 4279113764

■ 4279376420

■ 4279639076

■ 4279836196

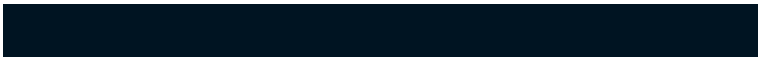
■ 4280098852

■ 4280295972

Harmonies

Analogous

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



4278195234



4278194212



4279503649

Triad

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



4278194212



4280550912



4278195712

Complementary

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



4278194212



4280554496

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.



4278391808



4278194212



4280158976

Square

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



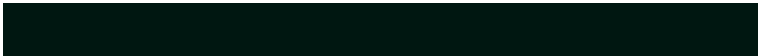
4278194212



4280550670



4279439360



4278195985

Rectangle

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



4278194212



4280027164



4279439360



4278195456

Sweetspot

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



4278194212



4280297006



4278199316



4279177751



4288059030



4279703319

Same Dimension

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



4278194212



4278195246



4278321188



4279243026



4278199378



4278214097

Inverse Universe

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



4280549392



4281204756



4280427520



4279373841



4283564068



4291887197

Previews

White Background



This preview shows how the Android color 4278194212 looks on a white background.

Color Contrast Check

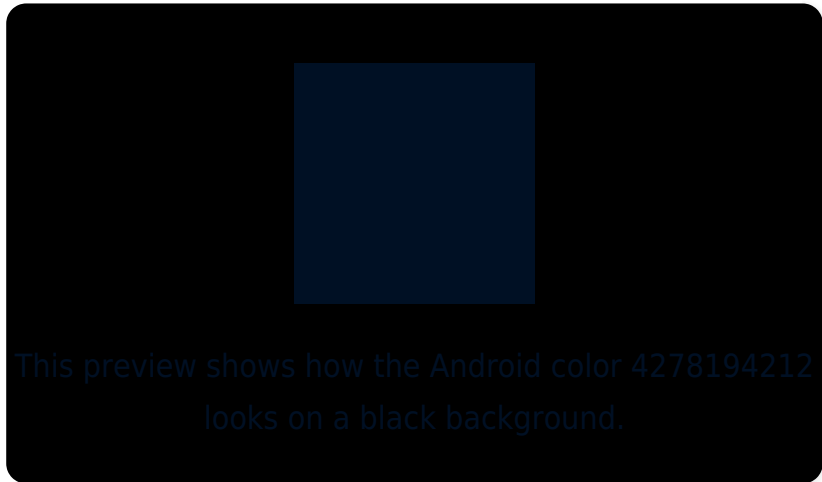
Large Text (above 18pt) WCAG AA ✓ Pass

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

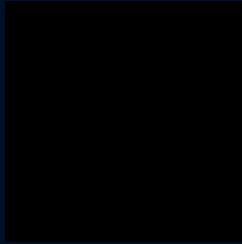
Any Text WCAG AA × Fail

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 4278194212 Background



This preview shows how black text looks on a background with the Android color 4278194212.



This preview shows how white text looks on a background with the Android color 4278194212.

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
4278194212

Protanopia
4278194211

Tritanopia
4278194964

Trichromacy



Original Color

4278194212

Protanomaly

4278194211

Tritanomaly

4278194714

Monochromacy



Original Color

4278194212

Achromatopsia

4279045389

Achromatomaly

4278717973

CSS Examples

Text

The CSS property to change the color of the text to Android 4278194212 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, 16, 36)` looks like.

```
.text, #text, p{  
    color:rgb(0, 16, 36)  
}
```

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, 16, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 16, 36) }
```

Border

The CSS property to change the border of an element to Android 4278194212 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, 16, 36) }
```

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

```
.border{ border-color:rgb(0, 16, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 16, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 16, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 16, 36); box-shadow:4px  
4px 4px 4px rgb(0, 16, 36) }
```

Background

The CSS property to change the background color of an element to Android 4278194212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 16, 36) }
```

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

```
.background{ background-color: rgb(0, 16,  
36) }
```

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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