

Converting Colors

Android(4278864227)

Have a look what the booklet for
Android(4278864227) contains.

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Color

Android(4278864227)

Conversions

Conversions Part 1

Format	Color
Hex	0A4963
RGB	10, 73, 99
RGB Percent	4%, 29%, 39%
CMY	0.9608, 0.7137, 0.6118
CMYK	0.90, 0.26, 0.00, 0.61
HSL	198°, 82%, 21%
HSV	198°, 90%, 39%
XYZ	4.7598, 5.7305, 12.6596
YIQ	57.1270, -45.8940, -5.2700

Conversions

Conversions Part 2

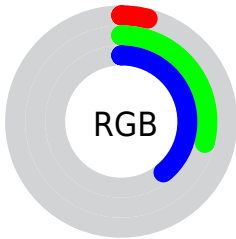
Format	Color
R_{YB}	10, 47, 99
Decimal	674147
CIE _{Lab}	28.72, -8.47, -20.51
CIE _{LCh}	29, 22.188, 247.562
Yxy	5.7305, 0.2056, 0.2475
Android (android.graphics.Color)	4278864227 (0xFF0A4963)
YUV	57.1270, 20.6434, -41.3304
Hunter-Lab	23.9384, -6.3997, -14.5981

Details

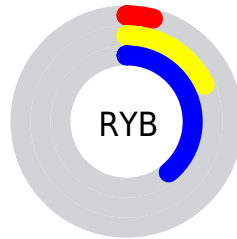
The Android color **4278864227** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **4284687370**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4282940054**, and **4278197812** is the 20% darker color. If you saturate the color by 10%, you get **4278208099**, and if you desaturate by 10%, it is **4279520355**.

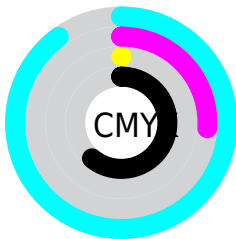
Distribution



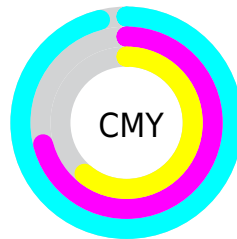
- Red (4%)
- Green (29%)
- Blue (39%)



- Red (4%)
- Yellow (18%)
- Blue (39%)



- Cyan (90%)
- Magenta (26%)
- Yellow (0%)
- Black (61%)



- Cyan (96%)
- Magenta (71%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278864227 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 4278864227 by changing the saturation by 10% instead.



4278864227



4278864227

4294967295



4278203211



4282940054



4278197812



4284650417



4278190623



4286426828



4278190083



4288268776



4278190080



4290045439



4291952639



4293853183



4278864227



4278864227

■ 4278208099

■ 4279520355

■ 4280176483

■ 4280832611

■ 4281488739

■ 4282144611

■ 4282735203

■ 4283391331

■ 4284047459

■ 4284703587

Harmonies

Analogous

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



4278209624



4278864227



4281418854

Triad

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



4278864227



4284757568



4281878824

Complementary

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



4278864227



4284687370

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.



4283057185



4278864227



4284692784

Square

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



4278864227



4284299345



4284038692



4280437814

Rectangle

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



4278864227



4282597474



4284038692



4282271525

Sweetspot

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



4278864227



4284315008



4278870819



4281023040



4290756543



4282400832

Same Dimension

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



4278864227



4278213248



4278852963



4281085744



4278210416



4278233840

Inverse Universe

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



4284680777



4286578778



4284698634



4281347119



4285530191



4293918890

Previews

White Background



This preview shows how the Android color 4278864227 looks on a white background.

Color Contrast Check

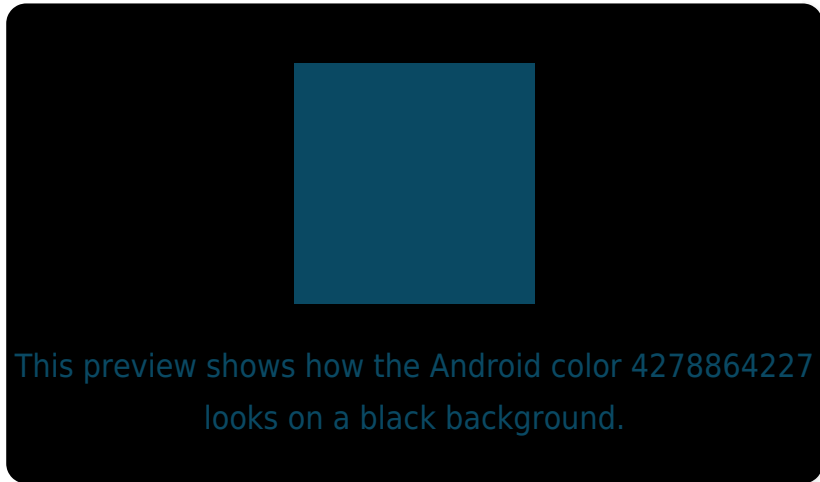
Large Text (above 18pt) WCAG AA ✓ Pass

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

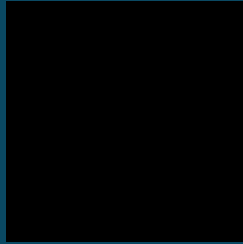
Any Text WCAG AA × Fail

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 4278864227 Background



This preview shows how black text looks on a background with the Android color 4278864227.



This preview shows how white text looks on a background with the Android color 4278864227.

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

4278864227

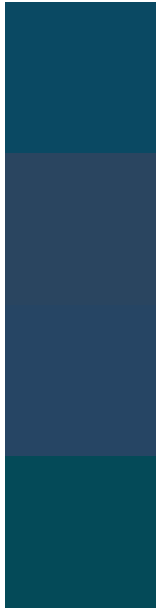
Protanopia

4282139486

Deuteranopia

4281746276

Trichromacy



Original Color

4278864227

Protanomaly

4280960352

Deuteranomaly

4280698212

Tritanomaly

4278471256

Monochromacy



Original Color

4278864227

Achromatopsia

4281940281

Achromatomaly

4280827720

CSS Examples

Text

The CSS property to change the color of the text to Android 4278864227 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(10, 73, 99)` looks like.

```
.text, #text, p{  
    color:rgb(10, 73, 99)  
}
```

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(10, 73, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 73, 99) }
```

Border

The CSS property to change the border of an element to Android 4278864227 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(10, 73, 99) }
```

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

```
.border{ border-color:rgb(10, 73, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 73, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 73, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 73, 99);  
box-shadow:4px 4px 4px 4px rgb(10, 73, 99)  
}
```

Background

The CSS property to change the background color of an element to Android 4278864227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 73, 99) }
```

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

```
.background{ background-color: rgb(10, 73,  
99) }
```

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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