

Converting Colors

Android(4278342221)

Have a look what the booklet for
Android(4278342221) contains.

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Color

Android(4278342221)

Conversions

Conversions Part 1

Format	Color
Hex	02524D
RGB	2, 82, 77
RGB Percent	1%, 32%, 30%
CMY	0.9922, 0.6784, 0.6980
CMYK	0.98, 0.00, 0.06, 0.68
HSL	176°, 95%, 16%
HSV	176°, 98%, 32%
XYZ	4.3819, 6.5833, 8.0609
YIQ	57.5100, -46.0750, -18.5150

Conversions

Conversions Part 2

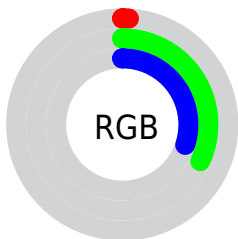
Format	Color
R _Y B	2, 43, 82
Decimal	152141
CIE Lab	30.84, -22.61, -3.22
CIE LCh	31, 22.835, 188.113
Yxy	6.5833, 0.2303, 0.3460
Android (android.graphics.Color)	4278342221 (0xFF02524D)
YUV	57.5100, 9.6086, -48.6823
Hunter-Lab	25.6580, -14.4171, -0.6665

Details

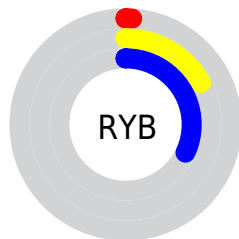
The Android color `4278342221` is a dark color, and the websafe version is hex `006666`. A complement of this color would be `4283564551`, and the grayscale version is `4281940281`.

A 20% lighter version of the original color is `4282549374`, and `4278199585` is the 20% darker color. If you saturate the color by 10%, you get `4278211149`, and if you desaturate by 10%, it is `4278866510`.

Distribution



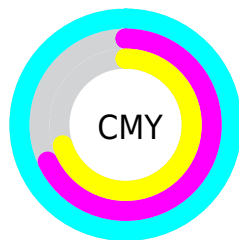
- Red (1%)
- Green (32%)
- Blue (30%)



- Red (1%)
- Yellow (17%)
- Blue (32%)



- Cyan (98%)
- Magenta (0%)
- Yellow (6%)
- Black (68%)



- Cyan (99%)
- Magenta (68%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278342221 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 4278342221 by changing the saturation by 10% instead.

 4278342221

 4278342221

4294967295

 4278205238

 4282549374

 4278199585

 4284259992

 4278191627

 4286036402

 4278190080

 4287813070

 4289655530

 4291493887

 4293394431

 4278342221

 4278342221

■ 4278211149

■ 4278866510

■ 4279390798

■ 4279980623

■ 4280504911

■ 4281029200

■ 4281553488

■ 4282077777

■ 4282667601

■ 4283191890

Harmonies

Analogous

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



4280635707



4278342221



4278210910

Triad

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



4278342221



4283515493



4284433192

Complementary

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



4278342221



4283564551

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.



4285087027



4278342221



4284693590

Square

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



4278342221



4281747820



4285217348



4283386149

Rectangle

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



4278342221



4278210406



4285217348



4284694827

Sweetspot

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



4278342221



4283198313



4278669826



4280497716



4290098613



4281742902

Same Dimension

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



4278342221



4278217572



4278333266



4280625449



4278217058



4278249690

Inverse Universe

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



4283564551



4285202439



4283573506



4280886565



4285071367



4293394447

Previews

White Background



This preview shows how the Android color 4278342221 looks on a white background.

Color Contrast Check

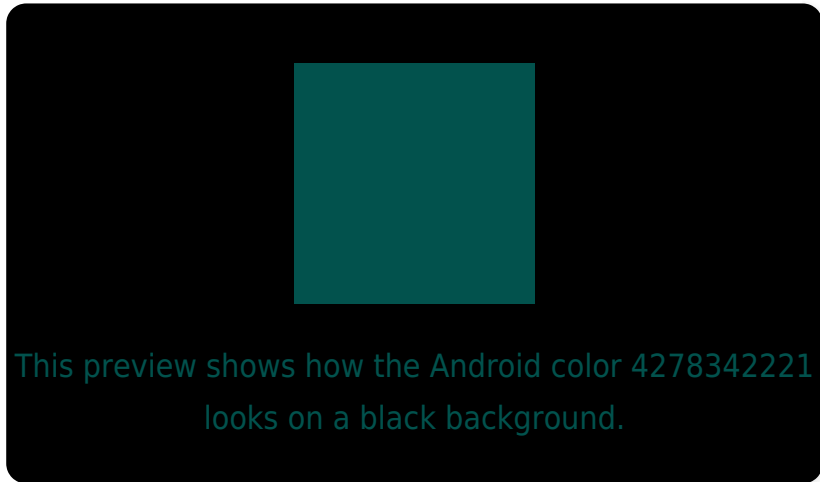
Large Text (above 18pt) WCAG AA ✓ Pass

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

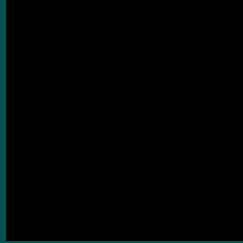
Any Text WCAG AA × Fail

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 4278342221 Background



This preview shows how black text looks on a background with the Android color 4278342221.



This preview shows how white text looks on a background with the Android color 4278342221.

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

4278342221

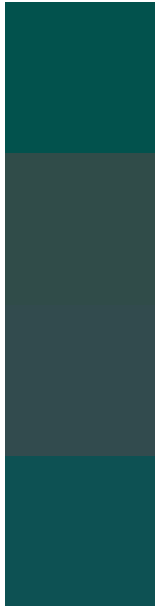
Protanopia

4283058247

Deuteranopia

4283254607

Trichromacy



Original Color
4278342221

Protanomaly
4281355337

Deuteranomaly
4281486158

Tritanomaly
4279062867

Monochromacy



Original Color
4278342221

Achromatopsia
4282006074

Achromatomaly
4280697665

CSS Examples

Text

The CSS property to change the color of the text to Android 4278342221 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(2, 82, 77)` looks like.

```
.text, #text, p{  
    color:rgb(2, 82, 77)  
}
```

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(2, 82, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 82, 77) }
```

Border

The CSS property to change the border of an element to Android 4278342221 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(2, 82, 77) }
```

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

```
.border{ border-color:rgb(2, 82, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 82, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 82, 77); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 82, 77); box-shadow:4px  
4px 4px 4px rgb(2, 82, 77) }
```

Background

The CSS property to change the background color of an element to Android 4278342221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 82, 77) }
```

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

```
.background{ background-color: rgb(2, 82,  
77) }
```

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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