

Converting Colors

Android(4278212189)

Have a look what the booklet for
Android(4278212189) contains.

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Color

Android(4278212189)

Conversions

Conversions Part 1

Format	Color
Hex	00565D
RGB	0, 86, 93
RGB Percent	0%, 34%, 36%
CMY	1.0000, 0.6627, 0.6353
CMYK	1.00, 0.08, 0.00, 0.64
HSL	185°, 100%, 18%
HSV	185°, 100%, 36%
XYZ	5.3036, 7.4459, 11.5136
YIQ	61.0840, -53.5030, -16.0550

Conversions

Conversions Part 2

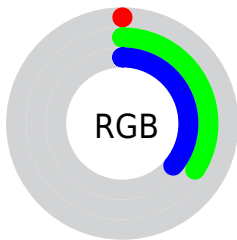
Format	Color
RYB	0, 45, 93
Decimal	22109
CIELab	32.80, -19.29, -10.44
CIELCh	33, 21.928, 208.419
Yxy	7.4459, 0.2186, 0.3069
Android (android.graphics.Color)	4278212189 (0xFF00565D)
YUV	61.0840, 15.7346, -53.5707
Hunter-Lab	27.2872, -13.0590, -5.9159

Details

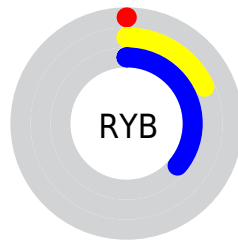
The Android color **4278212189** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4284286720**, and the grayscale version is **4282203453**.

A 20% lighter version of the original color is **4282681487**, and **4278200367** is the 20% darker color. If you saturate the color by 10%, you get **4278212189**, and if you desaturate by 10%, it is **4278802269**.

Distribution



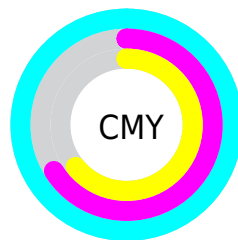
- Red (0%)
- Green (34%)
- Blue (36%)



- Red (0%)
- Yellow (18%)
- Blue (36%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (66%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212189 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 4278212189 by changing the saturation by 10% instead.

 4278212189

 4278212189

4294967295

 4278206277

 4282681487

 4278200367

 4284523178


 4278194715

 4286299845

 4278190080

 4288076257

 4289918718

 4291756031

 4293722111

 4278212189

■ 4278802269

■ 4279457629

■ 4280047709

■ 4280637789

■ 4281293405

■ 4281883229

■ 4282473309

■ 4283063389

■ 4283718749

Harmonies

Analogous

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



4279981644



4278212189



4279325802

Triad

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



4278212189



4284629855



4284042282

Complementary

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



4278212189



4284286720

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.



4284958256



4278212189



4285349967

Square

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



4278212189



4283320684



4285415742



4282863918

Rectangle

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



4278212189



4280832367



4285415742



4284369451

Sweetspot

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



4278212189



4283725176



4278213894



4280761405



4290624957



4282203453

Same Dimension

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



4278212189



4278218616



4278200413



4280888878



4278216046



4278246381

Inverse Universe

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



4284285014



4286054511



4284298496



4281215278



4285399141



4293722331

Previews

White Background



This preview shows how the Android color 4278212189 looks on a white background.

Color Contrast Check

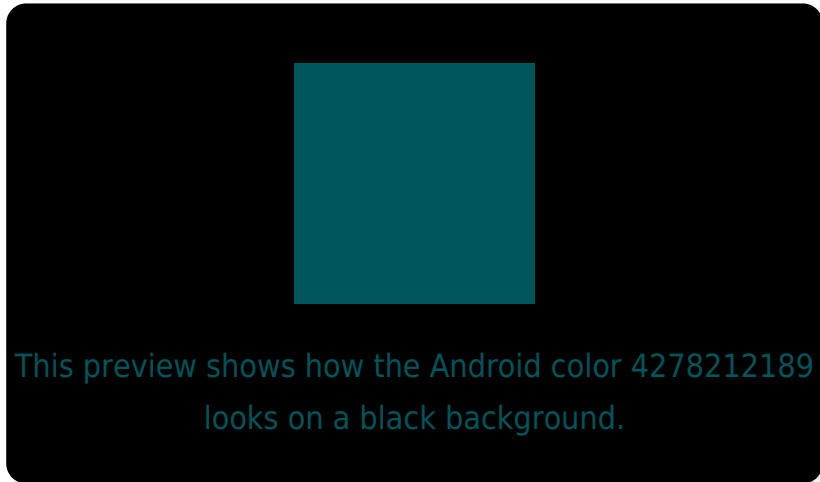
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278212189 Background



This preview shows how black text looks on a background with the Android color 4278212189.



This preview shows how white text looks on a background with the Android color 4278212189.

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

4278212189

Protanopia

4283190615

Deuteranopia

4283190367

Trichromacy



Original Color

4278212189

Protanomaly

4281356377

Deuteranomaly

4281356382

Monochromacy



Original Color

4278212189

Achromatopsia

4282203453

Achromatomaly

4280763977

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212189 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, 86, 93)` looks like.

```
.text, #text, p{  
    color:rgb(0, 86, 93)  
}
```

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, 86, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 86, 93) }
```

Border

The CSS property to change the border of an element to Android 4278212189 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, 86, 93) }
```

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

```
.border{ border-color:rgb(0, 86, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 86, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 86, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 86, 93); box-shadow:4px  
4px 4px 4px rgb(0, 86, 93) }
```

Background

The CSS property to change the background color of an element to Android 4278212189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 86, 93) }
```

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

```
.background{ background-color: rgb(0, 86,  
93) }
```

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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