

Converting Colors

Android(4278211942)

Have a look what the booklet for
Android(4278211942) contains.

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Color

Android(4278211942)

Conversions

Conversions Part 1

Format	Color
Hex	005566
RGB	0, 85, 102
RGB Percent	0%, 33%, 40%
CMY	1.0000, 0.6667, 0.6000
CMYK	1.00, 0.17, 0.00, 0.60
HSL	190°, 100%, 20%
HSV	190°, 100%, 40%
XYZ	5.6468, 7.4563, 13.7120
YIQ	61.5230, -56.1170, -12.7330

Conversions

Conversions Part 2

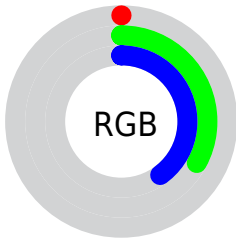
Format	Color
RYB	0, 46, 102
Decimal	21862
CIELab	32.82, -15.35, -16.07
CIELCh	33, 22.221, 226.315
Yxy	7.4563, 0.2106, 0.2781
Android (android.graphics.Color)	4278211942 (0xFF005566)
YUV	61.5230, 19.9552, -53.9557
Hunter-Lab	27.3062, -10.8732, -10.6584

Details

The Android color `4278211942` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284879104`, and the grayscale version is `4282203453`.

A 20% lighter version of the original color is `4282812313`, and `4278200375` is the 20% darker color. If you saturate the color by 10%, you get `4278211942`, and if you desaturate by 10%, it is `4278867814`.

Distribution



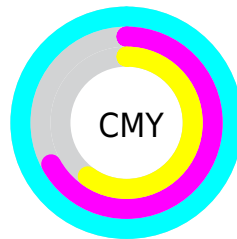
- Red (0%)
- Green (33%)
- Blue (40%)



- Red (0%)
- Yellow (18%)
- Blue (40%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278211942 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 4278211942 by changing the saturation by 10% instead.

 4278211942

 4278211942

4294967295

 4278206030

 4282812313

 4278200375

 4284588468

 4278194978

 4286430415

 4278190089

 4288207084

 4278190080

 4290049279

 4291952639

 4293853183

 4278211942

■ 4278867814

■ 4279523430

■ 4280244838

■ 4280900710

■ 4281556326

■ 4282212198

■ 4282868070

■ 4283589478

■ 4284245094

Harmonies

Analogous

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



4278605654



4278211942



4280570223

Triad

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



4278211942



4285153366



4283387691

Complementary

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



4278211942



4284879104

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.



4284500267



4278211942



4285481028

Square

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



4278211942



4284171622



4285219637



4282078260

Rectangle

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



4278211942



4282011248



4285219637



4283780394

Sweetspot

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



4278211942



4284317317



4278216209



4280958530



4290953922



4282532418

Same Dimension

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



4278211942



4278218373



4278198886



4281217587



4278214771



4278242034

Inverse Universe

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



4284874837



4286906479



4284892160



4281544242



4285726816



4294049994

Previews

White Background



This preview shows how the Android color 4278211942 looks on a white background.

Color Contrast Check

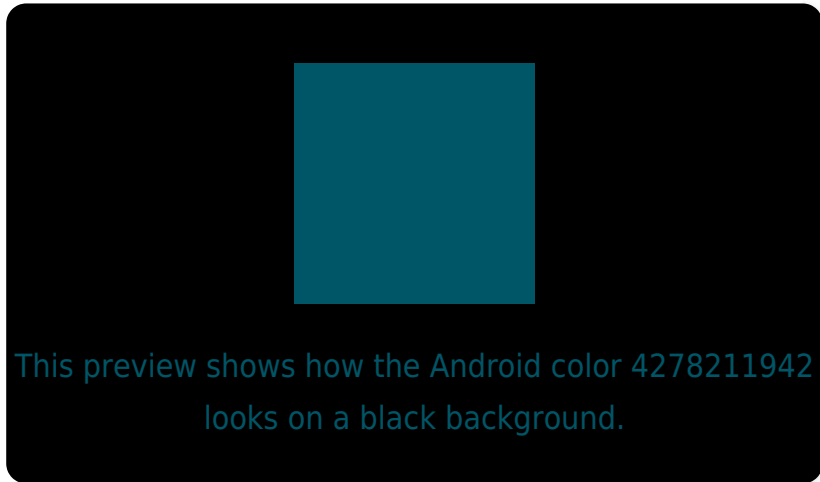
Large Text (above 18pt) WCAG AA ✓ Pass

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

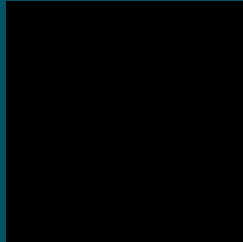
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

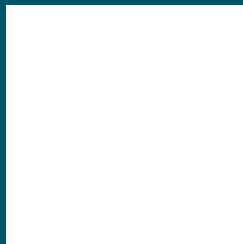
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4278211942 Background



This preview shows how black text looks on a background with the Android color 4278211942.



This preview shows how white text looks on a background with the Android color 4278211942.

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

4278211942

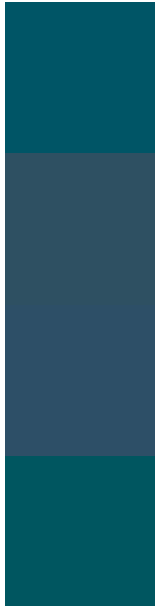
Protanopia

4282994016

Deuteranopia

4282797160

Trichromacy



Original Color

4278211942

Protanomaly

4281225314

Deuteranomaly

4281159527

Tritanomaly

4278212192

Monochromacy



Original Color

4278211942

Achromatopsia

4282269246

Achromatomaly

4280763981

CSS Examples

Text

The CSS property to change the color of the text to Android 4278211942 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, 85, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 85, 102)  
}
```

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, 85, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 85, 102) }
```

Border

The CSS property to change the border of an element to Android 4278211942 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, 85, 102) }
```

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

```
.border{ border-color:rgb(0, 85, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 85, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 85, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 85, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 85, 102)  
}
```

Background

The CSS property to change the background color of an element to Android 4278211942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 85, 102) }
```

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

```
.background{ background-color: rgb(0, 85,  
102) }
```

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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