

Converting Colors

Android(4278212977)

Have a look what the booklet for
Android(4278212977) contains.

Android(4278212977)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278212977)

Conversions

Conversions Part 1

Format	Color
Hex	005971
RGB	0, 89, 113
RGB Percent	0%, 35%, 44%
CMY	1.0000, 0.6510, 0.5569
CMYK	1.00, 0.21, 0.00, 0.56
HSL	193°, 100%, 22%
HSV	193°, 100%, 44%
XYZ	6.5530, 8.3370, 16.8866
YIQ	65.1250, -60.7480, -11.4040

Conversions

Conversions Part 2

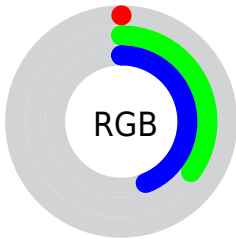
Format	Color
RYB	0, 50, 113
Decimal	22897
CIELab	34.68, -13.40, -20.08
CIELCh	35, 24.145, 236.281
Yxy	8.3370, 0.2062, 0.2624
Android (android.graphics.Color)	4278212977 (0xFF005971)
YUV	65.1250, 23.6024, -57.1146
Hunter-Lab	28.8739, -10.0182, -14.4635

Details

The Android color `4278212977` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285601792`, and the grayscale version is `4282466625`.

A 20% lighter version of the original color is `4283009957`, and `4278201153` is the 20% darker color. If you saturate the color by 10%, you get `4278212977`, and if you desaturate by 10%, it is `4278934385`.

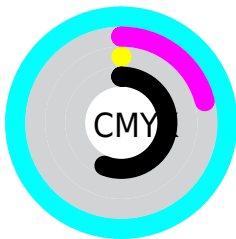
Distribution



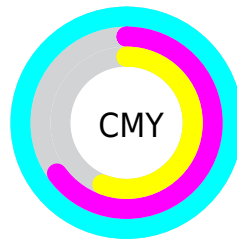
- Red (0%)
- Green (35%)
- Blue (44%)



- Red (0%)
- Yellow (20%)
- Blue (44%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (65%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212977 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 4278212977 by changing the saturation by 10% instead.

 4278212977

 4278212977

4294967295

 4278207064

 4283009957

 4278201153

 4284851648

 4278196267

 4286693852

 4278190358

 4288535801

 4278190080

 4290378239

 4292280319

 4294180863

 4278212977

■ 4278934385

■ 4279721585

■ 4280442993

■ 4281164657

■ 4281951601

■ 4282673009

■ 4283394673

■ 4284116081

■ 4284903281

Harmonies

Analogous

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



4278213474



4278212977



4281357432

Triad

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



4278212977



4285809237



4283258158

Complementary

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



4278212977



4285601792

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.



4284502059



4278212977



4285940802

Square

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



4278212977



4284958567



4285483314



4281752124

Rectangle

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



4278212977



4282798198



4285483314



4283651116

Sweetspot

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



4278212977



4285041300



4278219031



4281287754



4291414473



4283058762

Same Dimension

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



4278212977



4278219924



4278198897



4281481016



4278214264



4278240247

Inverse Universe

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



4285595737



4287889524



4285615872



4281872951



4286054494



4294377667

Previews

White Background



This preview shows how the Android color 4278212977 looks on a white background.

Color Contrast Check

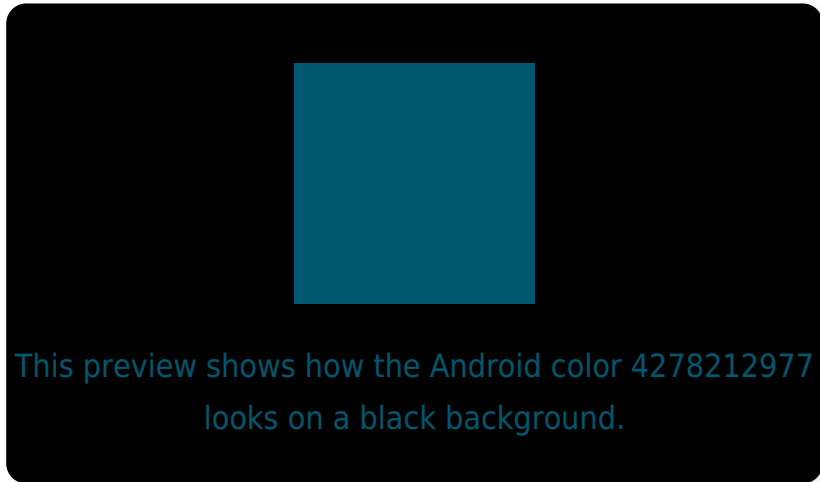
Large Text (above 18pt) WCAG AA ✓ Pass

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

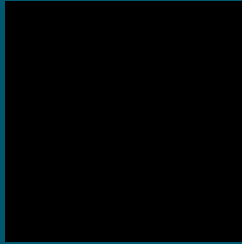
Any Text WCAG AA × Fail

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 4278212977 Background



This preview shows how black text looks on a background with the Android color 4278212977.

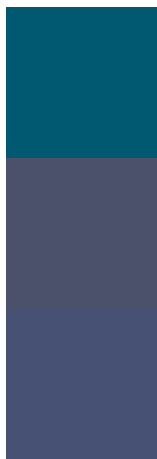


This preview shows how white text looks on a background with the Android color 4278212977.

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
4278212977

Protanopia
4283126123

Deuteranopia
4282798451

Trichromacy



Original Color

4278212977

Protanomaly

4281357421

Deuteranomaly

4281160818

Tritanomaly

4278213223

Monochromacy



Original Color

4278212977

Achromatopsia

4282466625

Achromatomaly

4280896082

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212977 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, 89, 113)` looks like.

```
.text, #text, p{  
    color:rgb(0, 89, 113)  
}
```

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, 89, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 89, 113) }
```

Border

The CSS property to change the border of an element to Android 4278212977 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, 89, 113) }
```

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

```
.border{ border-color:rgb(0, 89, 113) }
```

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

Here you see how a box with a 4 pixel rgb(0, 89, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 89, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 89, 113);  
box-shadow:4px 4px 4px 4px rgb(0, 89, 113)  
}
```

Background

The CSS property to change the background color of an element to Android 4278212977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 89, 113) }
```

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

```
.background{ background-color: rgb(0, 89,  
113) }
```

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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