

Converting Colors

Android(4278222275)

Have a look what the booklet for
Android(4278222275) contains.

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Color

Android(4278222275)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 007DC3 |
| RGB | 0, 125, 195 |
| RGB Percent | 0%, 49%, 76% |
| CMY | 1.0000, 0.5098, 0.2353 |
| CMYK | 1.00, 0.36, 0.00, 0.24 |
| HSL | 202°, 100%, 38% |
| HSV | 202°, 100%, 76% |
| XYZ | 17.1839, 18.6074, 54.3156 |
| YIQ | 95.6050, -96.9700, -4.7300 |

Conversions

Conversions Part 2

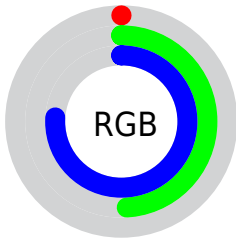
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 76, 195 |
| Decimal | 32195 |
| CIELab | 50.22, -2.73, -44.44 |
| CIELCh | 50, 44.521, 266.490 |
| Yxy | 18.6074, 0.1907, 0.2065 |
| Android (android.graphics.Color) | 4278222275 (0xFF007DC3) |
| YUV | 95.6050, 49.0017, -83.8456 |
| Hunter-Lab | 43.1363, -4.3804, -44.4605 |

Details

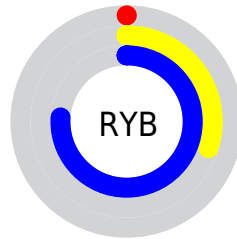
The Android color `4278222275` is a dark color, and the websafe version is hex `006699`. The color can be described as dark washed azure. A complement of this color would be `4290987520`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4284527100`, and `4278209933` is the 20% darker color. If you saturate the color by 10%, you get `4278222275`, and if you desaturate by 10%, it is `4279469251`.

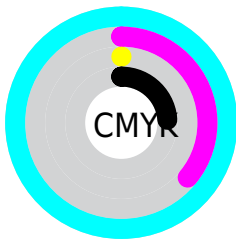
Distribution



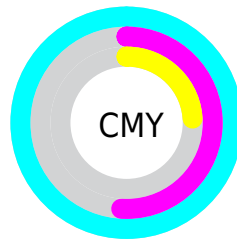
- Red (0%)
- Green (49%)
- Blue (76%)



- Red (0%)
- Yellow (30%)
- Blue (76%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (51%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278222275 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 4278222275 by changing the saturation by 10% instead.

 4278222275

 4278222275

4294967295

 4278215848

 4284527100

 4278209933

 4286631423

 4278204019

 4288604671

 4278198874

 4290576383

 4278192450

 4292607999

 4278190891

 4294574079

 4278190357

 4278190080

 4278222275

■ 4279469251

■ 4280781763

■ 4282094275

■ 4283341251

■ 4284653763

■ 4285900739

■ 4287147715

■ 4288460227

■ 4289772739

Harmonies

Analogous

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



4278224566



4278222275



4285689787

Triad

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



4278222275



4290533720



4282025548

Complementary

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



427822275



4290987520

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.



4285234992



4278222275



4289553977

Square

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



4278222275



4290401918



4287657000



4278225522

Rectangle

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



4278222275



4287915436



4287657000



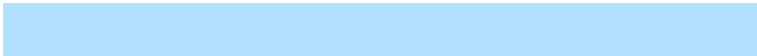
4283270465

Sweetspot

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



4278222275



4289847804



4278240068



4283592576



4278190080



4286611584

Same Dimension

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



4278222275



4278231804



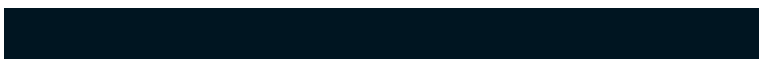
4278197699



4283915617



4278216609



4278195489

Inverse Universe

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



4290969725



4294705314



4291012096



4284569437



4288741479



4280352789

Previews

White Background



This preview shows how the Android color 4278222275 looks on a white background.

Color Contrast Check

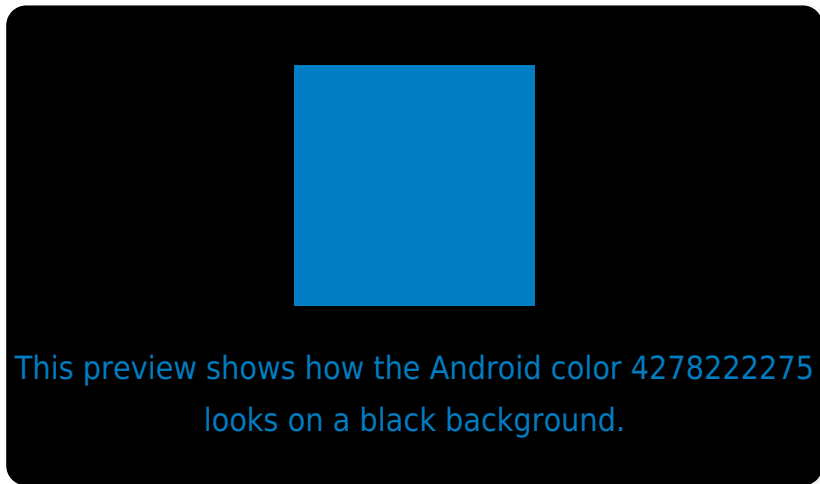
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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 × Fail

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

Android 4278222275 Background



This preview shows how black text looks on a background with the Android color 4278222275.



This preview shows how white text looks on a background with the Android color 4278222275.

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



Trichromacy



Original Color

4278222275

Protanomaly

4282087615

Deuteranomaly

4281105092

Tritanomaly

4278223265

Monochromacy



Original Color

4278222275

Achromatopsia

4284506208

Achromatomaly

4282215300

CSS Examples

Text

The CSS property to change the color of the text to Android 4278222275 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, 125, 195)` looks like.

```
.text, #text, p{  
    color:rgb(0, 125, 195)  
}
```

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, 125, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 125, 195) }
```

Border

The CSS property to change the border of an element to Android 4278222275 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, 125, 195) }
```

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

```
.border{ border-color:rgb(0, 125, 195) }
```

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

Here you see how a box with a 4 pixel rgb(0, 125, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 125, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 125, 195);  
box-shadow:4px 4px 4px 4px rgb(0, 125,  
195) }
```

Background

The CSS property to change the background color of an element to Android 4278222275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 125, 195) }
```

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

```
.background{ background-color: rgb(0, 125,  
195) }
```

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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