

Converting Colors

Android(4278222536)

Have a look what the booklet for
Android(4278222536) contains.

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Color

Android(4278222536)

Conversions

Conversions Part 1

Format	Color
Hex	007EC8
RGB	0, 126, 200
RGB Percent	0%, 49%, 78%
CMY	1.0000, 0.5059, 0.2157
CMYK	1.00, 0.37, 0.00, 0.22
HSL	202°, 100%, 39%
HSV	202°, 100%, 78%
XYZ	17.8862, 19.0918, 57.3860
YIQ	96.7620, -98.8500, -3.6980

Conversions

Conversions Part 2

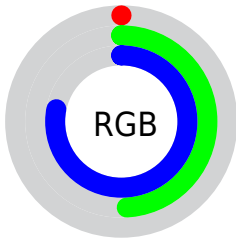
Format	Color
RYB	0, 77, 200
Decimal	32456
CIELab	50.79, -1.38, -46.39
CIELCh	51, 46.410, 268.294
Yxy	19.0918, 0.1895, 0.2023
Android (android.graphics.Color)	4278222536 (0xFF007EC8)
YUV	96.7620, 50.8963, -84.8603
Hunter-Lab	43.6942, -3.3961, -47.2828

Details

The Android color `4278222536` 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 `4291316224`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4284592895`, and `4278210193` is the 20% darker color. If you saturate the color by 10%, you get `4278222536`, and if you desaturate by 10%, it is `4279535048`.

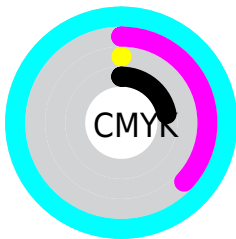
Distribution



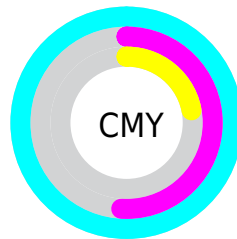
- Red (0%)
- Green (49%)
- Blue (78%)



- Red (0%)
- Yellow (30%)
- Blue (78%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (51%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278222536 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 4278222536 by changing the saturation by 10% instead.

 4278222536

 4278222536

4294967295

 4278216108

 4284592895

 4278210193

 4286697215

 4278204279

 4288735999

 4278199134

 4290707455

 4278193222

 4292739071

 4278191151

 4294770687

 4278190361

 4278190080

 4278222536

■ 4279535048

■ 4280847816

■ 4282160328

■ 4283473096

■ 4284785608

■ 4286098120

■ 4287410888

■ 4288723400

■ 4290036168

Harmonies

Analogous

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



4278224828



4278222536



4285951935

Triad

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



4278222536



4290795862



4281567565

Complementary

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



4278222536



4291316224

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.



4285104687



4278222536



4289685302

Square

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



4278222536



4290729341



4287657509



4278226037

Rectangle

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



4278222536



4288308398



4287657509



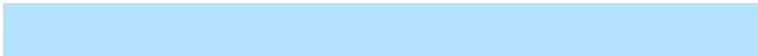
4283008834

Sweetspot

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



4278222536



4289979391



4278241353



4283592576



4278190080



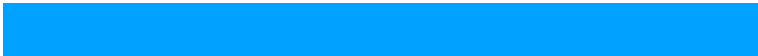
4286611584

Same Dimension

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



4278222536



4278231551



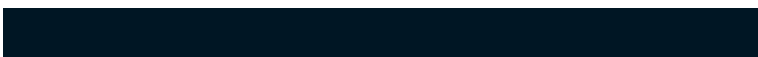
4278197192



4284112995



4278216611



4278195748

Inverse Universe

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



4291297406



4294901921



4291341568



4284701280



4288872551



4280549398

Previews

White Background



This preview shows how the Android color 4278222536 looks on a white background.

Color Contrast Check

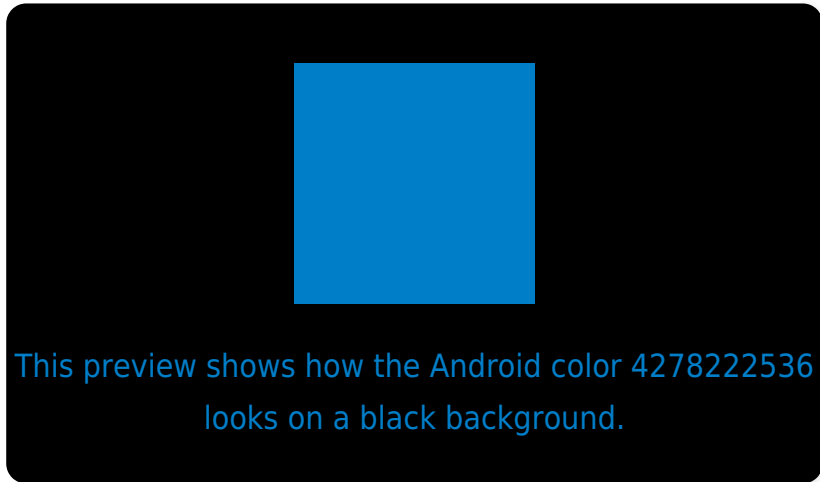
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278222536 Background



This preview shows how black text looks on a background with the Android color 4278222536.



This preview shows how white text looks on a background with the Android color 4278222536.

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
4278222536

Protanomaly
4282087876

Deuteranomaly
4280974281

Tritanomaly
4278223780

Monochromacy



Original Color
4278222536

Achromatopsia
4284572001

Achromatomaly
4282281094

CSS Examples

Text

The CSS property to change the color of the text to Android 4278222536 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, 126, 200)` looks like.

```
.text, #text, p{  
    color:rgb(0, 126, 200)  
}
```

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, 126, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 126, 200) }
```

Border

The CSS property to change the border of an element to Android 4278222536 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, 126, 200) }
```

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

```
.border{ border-color:rgb(0, 126, 200) }
```

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

Here you see how a box with a 4 pixel rgb(0, 126, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 126, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 126, 200);  
box-shadow:4px 4px 4px 4px rgb(0, 126,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4278222536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 126, 200) }
```

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

```
.background{ background-color: rgb(0, 126,  
200) }
```

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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