

# Converting Colors

Android(4278222010)

Have a look what the booklet for  
Android(4278222010) contains.

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# Color

**Android(4278222010)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007CBA
RGB	0, 124, 186
RGB Percent	0%, 49%, 73%
CMY	1.0000, 0.5137, 0.2706
CMYK	1.00, 0.33, 0.00, 0.27
HSL	200°, 100%, 36%
HSV	200°, 100%, 73%
XYZ	16.0706, 17.9605, 49.0741
YIQ	93.9920, -93.8060, -7.0060

# Conversions

## Conversions Part 2

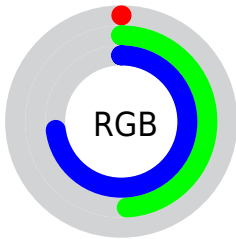
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 74, 186
Decimal	31930
CIELab	49.45, -5.62, -40.50
CIELCh	49, 40.889, 262.098
Yxy	17.9605, 0.1934, 0.2161
Android (android.graphics.Color)	4278222010 (0xFF007CBA)
YUV	93.9920, 45.3599, -82.4310
Hunter-Lab	42.3798, -6.4768, -38.9895

# Details

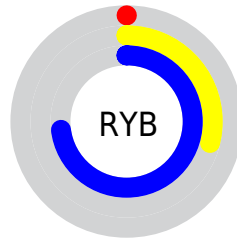
The Android color `4278222010` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4290395648`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4284395762`, and `4278209668` is the 20% darker color. If you saturate the color by 10%, you get `4278222010`, and if you desaturate by 10%, it is `4279468730`.

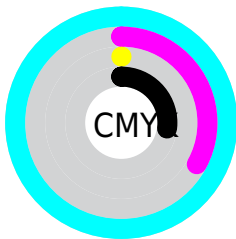
# Distribution



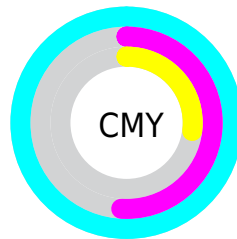
- Red (0%)
- Green (49%)
- Blue (73%)



- Red (0%)
- Yellow (29%)
- Blue (73%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (51%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278222010 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 4278222010 by changing the saturation by 10% instead.



 4278222010

 4278222010

4294967295

 4278215583

 4284395762

 4278209668

 4286434559

 4278203755

 4288407807

 4278198610

 4290379775

 4278191675

 4292345855

 4278190628

 4294377471

 4278190092

 4278190080

 4278222010

■ 4279468730

■ 4280649914

■ 4281896890

■ 4283078074

■ 4284324794

■ 4285571514

■ 4286752698

■ 4287999674

■ 4289180858

# Harmonies

## Analogous

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



4278224044



4278222010



4285100214

# Triad

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



4278222010



4290140509



4282876745

# Complementary

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



4278222010



4290395648

# 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.



4285561650



4278222010



4289356864

# Square

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



4278222010



4289812864



4287721519



4278224491

# Rectangle

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



4278222010



4287260585



4287721519



4283859264



# Sweetspot

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



4278222010



4289387250



4278237758



4283329658



4294638330



4286216826



# Same Dimension

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



4278222010



4278231794



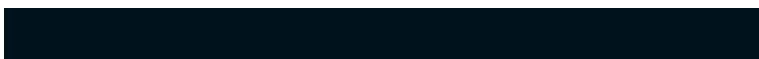
4278198970



4283652444



4278216860



4278194972



# Inverse Universe

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



4290379900



4294049953



4290419456



4284240729



4288413800



4280025107



# Previews

## White Background



This preview shows how the Android color 4278222010 looks on a white background.

### Color Contrast Check

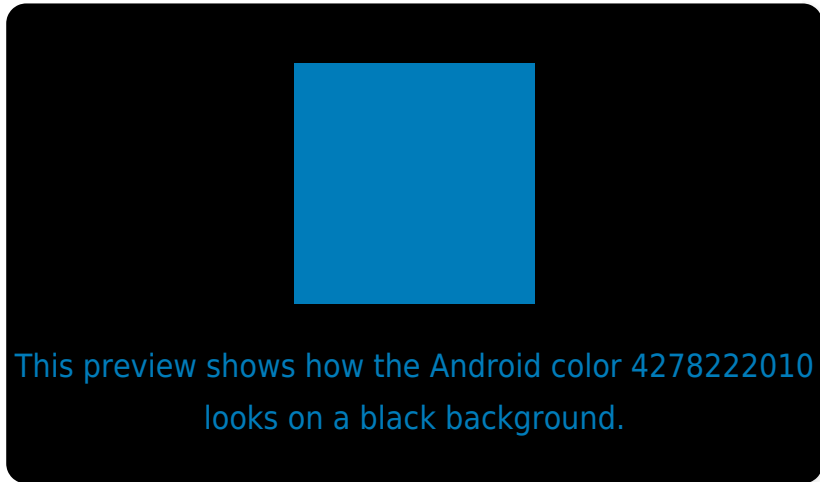
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

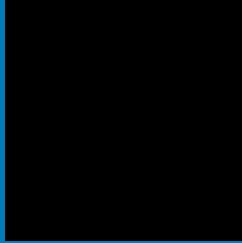
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4278222010 Background



This preview shows how black text looks on a background with the Android color 4278222010.



This preview shows how white text looks on a background with the Android color 4278222010.

# 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**  
4278222010

**Protanomaly**  
4282152629

**Deuteranomaly**  
4281366715

**Tritanomaly**  
4278223005

# Monochromacy



**Original Color**  
4278222010

**Achromatopsia**  
4284374622

**Achromatomaly**  
4282149247

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278222010 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, 124, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 124, 186)  
}
```

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, 124, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 124, 186) }
```

## Border

The CSS property to change the border of an element to Android 4278222010 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, 124, 186) }
```

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

```
.border{ border-color:rgb(0, 124, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 124, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 124, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 124, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 124,  
186) }
```

# Background

The CSS property to change the background color of an element to Android 4278222010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 124, 186) }
```

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

```
.background{ background-color: rgb(0, 124,  
186) }
```

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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