

# Converting Colors

Android(4278210922)

Have a look what the booklet for  
Android(4278210922) contains.

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# Color

**Android(4278210922)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00516A
RGB	0, 81, 106
RGB Percent	0%, 32%, 42%
CMY	1.0000, 0.6824, 0.5843
CMYK	1.00, 0.24, 0.00, 0.58
HSL	194°, 100%, 21%
HSV	194°, 100%, 42%
XYZ	5.5439, 6.9255, 14.6802
YIQ	59.6310, -56.3010, -9.3970

# Conversions

## Conversions Part 2

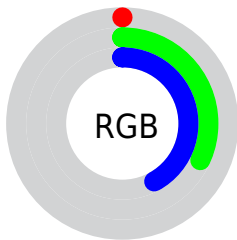
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 46, 106
Decimal	20842
CIELab	31.64, -11.42, -20.42
CIELCh	32, 23.399, 240.783
Yxy	6.9255, 0.2042, 0.2551
Android (android.graphics.Color)	4278210922 (0xFF00516A)
YUV	59.6310, 22.8599, -52.2964
Hunter-Lab	26.3163, -8.4496, -14.6528

# Details

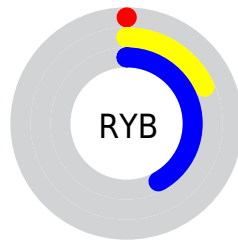
The Android color `4278210922` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4285143296`, and the grayscale version is `4282071867`.

A 20% lighter version of the original color is `4282876573`, and `4278199355` is the 20% darker color. If you saturate the color by 10%, you get `4278210922`, and if you desaturate by 10%, it is `4278932586`.

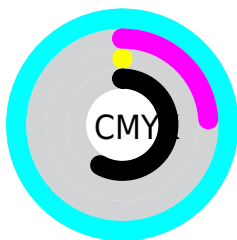
# Distribution



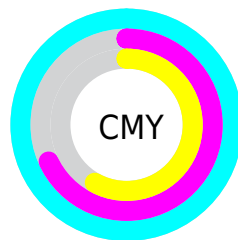
- Red (0%)
- Green (32%)
- Blue (42%)



- Red (0%)
- Yellow (18%)
- Blue (42%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (68%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278210922 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 4278210922 by changing the saturation by 10% instead.



 4278210922

 4278210922

4294967295

 4278205010

 4282876573

 4278199355

 4284652728

 4278193445

 4286429140

 4278190350

 4288271344

 4278190080

 4290113535

 4292018175

 4293918719

 4278210922

■ 4278932586

■ 4279588458

■ 4280310122

■ 4280965994

■ 4281687658

■ 4282409066

■ 4283065194

■ 4283786602

■ 4284442730

# Harmonies

## Analogous

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



4278211677



4278210922



4281289839

# Triad

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



4278210922



4285283403



4282601258

# Complementary

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



4278210922



4285143296

# 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.



4283845157



4278210922



4285349433

# Square

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



4278210922



4284628829



4284760875



4281094712

# Rectangle

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



4278210922



4282665069



4284760875



4282993959



# Sweetspot

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



4278210922



4284514442



4278217241



4281089861



4291085508



4282729797



# Same Dimension

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



4278210922



4278217098



4278197354



4281349174



4278213237



4278238197



# Inverse Universe

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



4285136977



4287234153



4285156864



4281741364



4285857882



4294246587



# Previews

## White Background



This preview shows how the Android color 4278210922 looks on a white background.

## Color Contrast Check

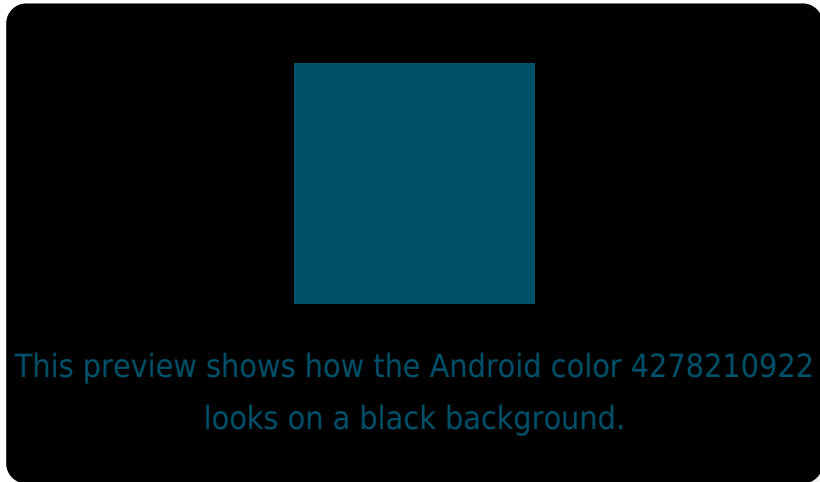
Large Text (above 18pt) WCAG AA ✓ Pass

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

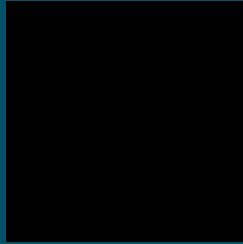
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278210922 Background



This preview shows how black text looks on a background with the Android color 4278210922.



This preview shows how white text looks on a background with the Android color 4278210922.

# 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**

4278210922

**Protanopia**

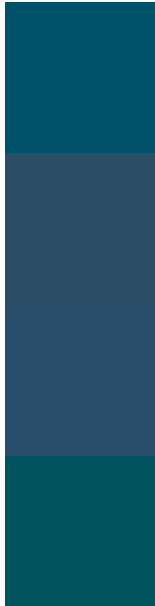
4282600036

**Deuteranopia**

4282272364



# Trichromacy



**Original Color**  
4278210922

**Protanomaly**  
4281027942

**Deuteranomaly**  
4280765803

**Tritanomaly**  
4278211167

# Monochromacy



**Original Color**  
4278210922

**Achromatopsia**  
4282137660

**Achromatomaly**  
4280697933

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278210922 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, 81, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 81, 106)  
}
```

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, 81, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 81, 106) }
```

## Border

The CSS property to change the border of an element to Android 4278210922 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, 81, 106) }
```

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

```
.border{ border-color:rgb(0, 81, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 81, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 81, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 81, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 81, 106)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278210922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 81, 106) }
```

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

```
.background{ background-color: rgb(0, 81,  
106) }
```

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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