

# Converting Colors

Android(4278209892)

Have a look what the booklet for  
Android(4278209892) contains.

<b>Android(4278209892)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4278209892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004D64
RGB	0, 77, 100
RGB Percent	0%, 30%, 39%
CMY	1.0000, 0.6980, 0.6078
CMYK	1.00, 0.23, 0.00, 0.61
HSL	194°, 100%, 20%
HSV	194°, 100%, 39%
XYZ	4.9541, 6.2279, 12.9976
YIQ	56.5990, -53.2750, -9.1710

# Conversions

## Conversions Part 2

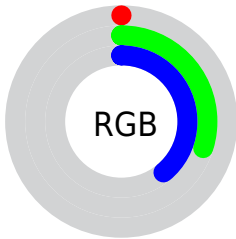
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 44, 100
Decimal	19812
CIELab	29.98, -11.42, -19.20
CIELCh	30, 22.338, 239.260
Yxy	6.2279, 0.2049, 0.2576
Android (android.graphics.Color)	4278209892 (0xFF004D64)
YUV	56.5990, 21.3967, -49.6373
Hunter-Lab	24.9557, -8.2371, -13.4108

# Details

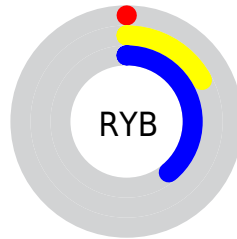
The Android color **4278209892** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4284749568**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4282744471**, and **4278198581** is the 20% darker color. If you saturate the color by 10%, you get **4278209892**, and if you desaturate by 10%, it is **4278865764**.

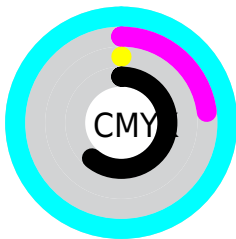
# Distribution



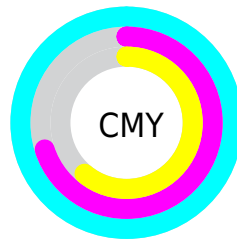
- Red (0%)
- Green (30%)
- Blue (39%)



- Red (0%)
- Yellow (17%)
- Blue (39%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (70%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278209892 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 4278209892 by changing the saturation by 10% instead.



 4278209892

 4278209892

4294967295

 4278203980

 4282744471

 4278198581

 4284520626

 4278190624


 4286297037

 4278190085

 4288073449

 4278190080

 4289915647

 4291821567

 4293722111

 4278209892

■ 4278865764

■ 4279521892

■ 4280177764

■ 4280833636

■ 4281489764

■ 4282145636

■ 4282801508

■ 4283457380

■ 4284113508

# Harmonies

## Analogous

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



4278210391



4278209892



4281026665

# Triad

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



4278209892



4284954952



4282403624

# Complementary

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



4278209892



4284749568

# 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.



4283581731



4278209892



4284955191

# Square

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



4278209892



4284234841



4284497705



4281028148

# Rectangle

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



4278209892



4282336359



4284497705



4282796325



# Sweetspot

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



4278209892



4284184962



4278215702



4280958274



4290953922



4282532418



# Same Dimension

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



4278209892



4278215810



4278197348



4281217587



4278212723



4278238194



# Inverse Universe

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



4284743757



4286709860



4284762112



4281544242



4285726808



4294049979



# Previews

## White Background



This preview shows how the Android color 4278209892 looks on a white background.

## Color Contrast Check

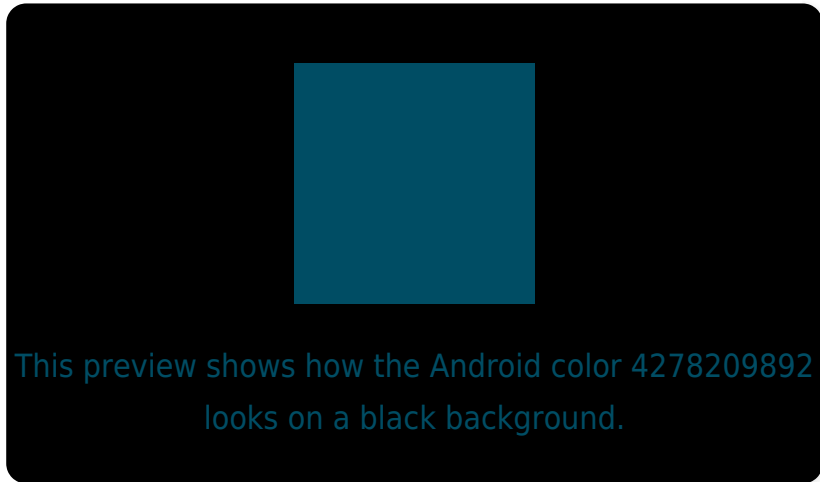
Large Text (above 18pt) WCAG AA ✓ Pass

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

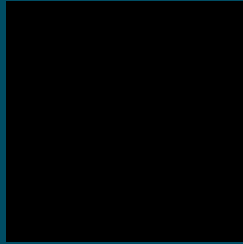
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278209892 Background



This preview shows how black text looks on a background with the Android color 4278209892.



This preview shows how white text looks on a background with the Android color 4278209892.

# 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



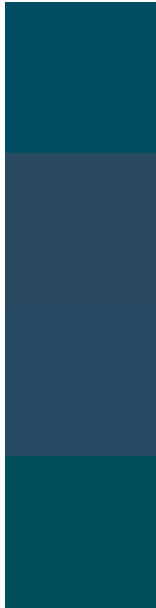
**Original Color**  
4278209892

**Protanopia**  
4282402399

**Deuteranopia**  
4282074726



# Trichromacy



**Original Color**  
4278209892

**Protanomaly**  
4280895841

**Deuteranomaly**  
4280699237

**Tritanomaly**  
4278210138

# Monochromacy



**Original Color**  
4278209892

**Achromatopsia**  
4281940281

**Achromatomaly**  
4280565833

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278209892 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, 77, 100)` looks like.

```
.text, #text, p{  
    color:rgb(0, 77, 100)  
}
```

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, 77, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 77, 100) }
```

## Border

The CSS property to change the border of an element to Android 4278209892 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, 77, 100) }
```

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

```
.border{ border-color:rgb(0, 77, 100) }
```

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

Here you see how a box with a 4 pixel rgb(0, 77, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 77, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 77, 100);  
box-shadow:4px 4px 4px 4px rgb(0, 77, 100)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278209892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 77, 100) }
```

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

```
.background{ background-color: rgb(0, 77,  
100) }
```

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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