

# Converting Colors

Android(4280834189)

Have a look what the booklet for  
Android(4280834189) contains.

<b>Android(4280834189)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4280834189)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28588D
RGB	40, 88, 141
RGB Percent	16%, 35%, 55%
CMY	0.8431, 0.6549, 0.4471
CMYK	0.72, 0.38, 0.00, 0.45
HSL	211°, 56%, 35%
HSV	211°, 72%, 55%
XYZ	9.1725, 9.3537, 26.5213
YIQ	79.6900, -45.6210, 6.3070

# Conversions

## Conversions Part 2

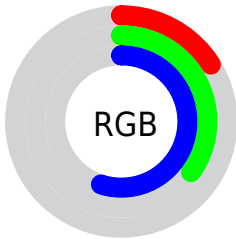
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 73, 141
Decimal	2644109
CIELab	36.66, 2.38, -34.12
CIElCh	37, 34.199, 273.984
Yxy	9.3537, 0.2036, 0.2076
Android (android.graphics.Color)	4280834189 (0xFF28588D)
YUV	79.6900, 30.2258, -34.8081
Hunter-Lab	30.5837, 0.0132, -30.0059

# Details

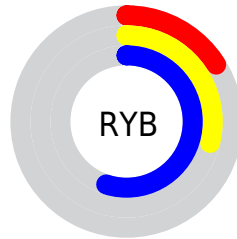
The Android color `4280834189` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287454504`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4284648131`, and `4278201178` is the 20% darker color. If you saturate the color by 10%, you get `4279914893`, and if you desaturate by 10%, it is `4281753485`.

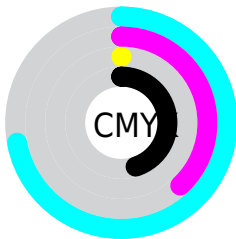
# Distribution



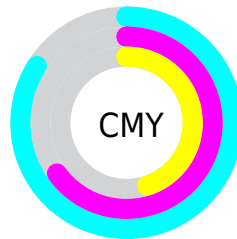
- Red (16%)
- Green (35%)
- Blue (55%)



- Red (16%)
- Yellow (29%)
- Blue (55%)



- Cyan (72%)
- Magenta (38%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (65%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280834189 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 4280834189 by changing the saturation by 10% instead.



■ 4280834189

■ 4280834189

4294967295

■ 4278206835

■ 4284648131

■ 4278201178

■ 4286424287

■ 4278196034

■ 4288266236

■ 4278190892

■ 4290173695

■ 4278190358

■ 4292016127

■ 4278190080

■ 4293984255

■ 4280834189

■ 4280834189

■ 4279914893

■ 4281753485

■ 4278995341

■ 4282673037

■ 4278207373

■ 4283592333

■ 4284511885

■ 4285496717

■ 4286416013

■ 4287335565

■ 4288254861

■ 4289174413

# Harmonies

## Analogous

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



4278214535



4280834189



4284305028

# Triad

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



4280834189



4287054393



4280181309

# Complementary

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



4280834189



4287454504

# 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.



4282801446



4280834189



4286139429

# Square

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



4280834189



4287118932



4284634652



4278215769

# Rectangle

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



4280834189



4285744759



4284634652



4281229621



# Sweetspot

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



4280834189



4287734712



4280847708



4282732636



4292598747



4284243036



# Same Dimension

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



4280834189



4279920056



4280952973



4282401863



4278206599



4278191112



# Inverse Universe

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



4287440984



4290255461



4287335720



4282859588



4287037504



4278714372



# Previews

## White Background



This preview shows how the Android color 4280834189 looks on a white background.

## Color Contrast Check

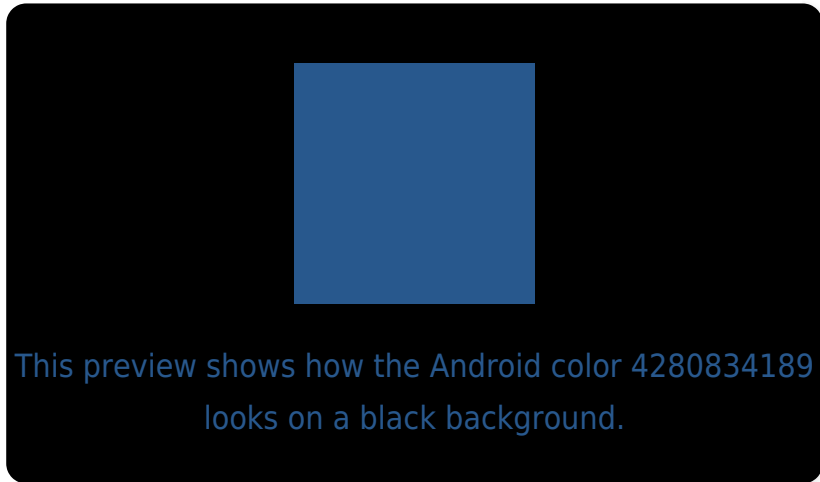
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280834189 Background



This preview shows how black text looks on a background with the Android color 4280834189.



This preview shows how white text looks on a background with the Android color 4280834189.

# 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**

4280834189

**Protanopia**

4282471562

**Deuteranopia**

4281554573



# Trichromacy



**Original Color**  
4280834189

**Protanomaly**  
4281881995

**Deuteranomaly**  
4281292685

**Tritanomaly**  
4279196789

# Monochromacy



**Original Color**  
4280834189

**Achromatopsia**  
4283453520

**Achromatomaly**  
4282471270

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280834189 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(40, 88, 141)` looks like.

```
.text, #text, p{  
    color:rgb(40, 88, 141)  
}
```

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(40, 88, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 88, 141) }
```

## Border

The CSS property to change the border of an element to Android 4280834189 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(40, 88, 141) }
```

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

```
.border{ border-color:rgb(40, 88, 141) }
```

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

Here you see how a box with a 4 pixel rgb(40, 88, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 88, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 88, 141);  
box-shadow:4px 4px 4px 4px rgb(40, 88,  
141) }
```

# Background

The CSS property to change the background color of an element to Android 4280834189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 88, 141) }
```

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

```
.background{ background-color: rgb(40, 88,  
141) }
```

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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