

# Converting Colors

Android(4278867339)

Have a look what the booklet for  
Android(4278867339) contains.

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# Color

**Android(4278867339)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A558B
RGB	10, 85, 139
RGB Percent	4%, 33%, 55%
CMY	0.9608, 0.6667, 0.4549
CMYK	0.93, 0.39, 0.00, 0.45
HSL	205°, 87%, 29%
HSV	205°, 93%, 55%
XYZ	8.0339, 8.4256, 25.6290
YIQ	68.7310, -62.0340, 0.8940

# Conversions

## Conversions Part 2

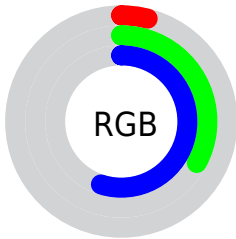
Format	Color
<a href="#">RYB</a>	<a href="#">10, 57, 139</a>
Decimal	<a href="#">677259</a>
CIELab	<a href="#">34.85, 0.23, -35.81</a>
CIELCh	<a href="#">35, 35.808, 270.373</a>
Yxy	<a href="#">8.4256, 0.1909, 0.2002</a>
Android (android.graphics.Color)	<a href="#">4278867339</a> ( <a href="#">0xFF0A558B</a> )
YUV	<a href="#">68.7310, 34.6426, -51.5071</a>
Hunter-Lab	<a href="#">29.0269, -1.3930, -32.0306</a>

# Details

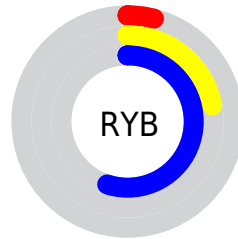
The Android color **4278867339** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **4287315978**, and the grayscale version is **4282664004**.

A 20% lighter version of the original color is **4283664065**, and **4278200664** is the 20% darker color. If you saturate the color by 10%, you get **4278210955**, and if you desaturate by 10%, it is **4279786379**.

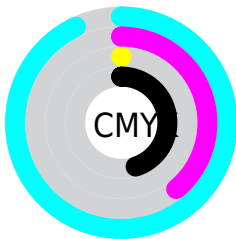
# Distribution



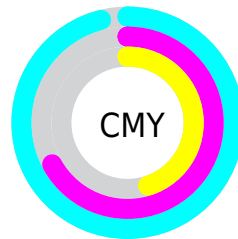
- Red (4%)
- Green (33%)
- Blue (55%)



- Red (4%)
- Yellow (22%)
- Blue (55%)



- Cyan (93%)
- Magenta (39%)
- Yellow (0%)
- Black (45%)



- Cyan (96%)
- Magenta (67%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278867339 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 4278867339 by changing the saturation by 10% instead.



■ 4278867339

■ 4278867339

4294967295

■ 4278206065

■ 4283664065

■ 4278200664

■ 4285505757

■ 4278195265

■ 4287413242

■ 4278190890

■ 4289255423

■ 4278190356

■ 4291163135

■ 4278190080

■ 4293066751

■ 4278867339

■ 4278867339

■ 4278210955

■ 4279786379

■ 4280705419

■ 4281624203

■ 4282543243

■ 4283396747

■ 4284315787

■ 4285234827

■ 4286153867

■ 4287072651

# Harmonies

## Analogous

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



4278213763



4278867339



4283648643

# Triad

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



4278867339



4286921783



4279983668

# Complementary

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



4278867339



4287315978

# 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.



4282669341



4278867339



4286006816

# Square

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



4278867339



4286920787



4284567829



4278214737

# Rectangle

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



4278867339



4285284983



4284567829



4281097260



# Sweetspot

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



4278867339



4286750901



4278881088



4282208092



4292598747



4284243036



# Same Dimension

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



4278867339



4278217141



4278850955



4282270277



4278209925



4278190853



# Inverse Universe

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



4287302229



4290052201



4287332362



4282728002



4286906445



4278517763



# Previews

## White Background



This preview shows how the Android color 4278867339 looks on a white background.

## Color Contrast Check

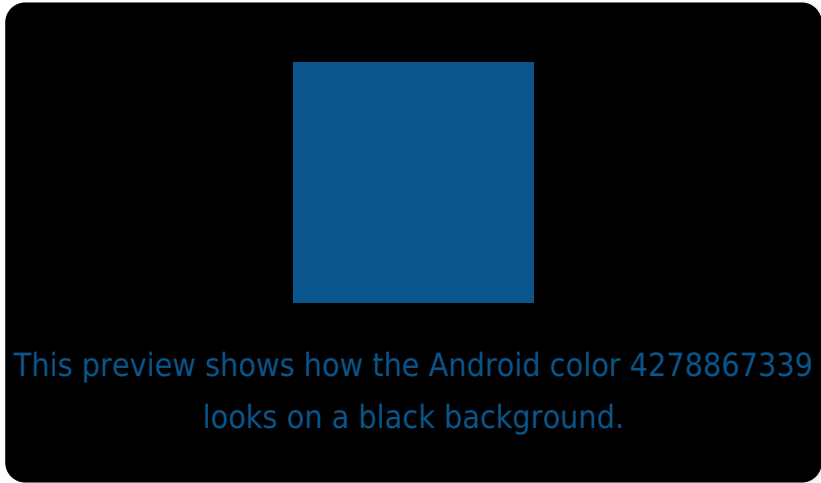
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278867339 Background



This preview shows how black text looks on a background with the Android color 4278867339.



This preview shows how white text looks on a background with the Android color 4278867339.

# 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**

4278867339

**Protanopia**

4282142854

**Deuteranopia**

4280832908



# Trichromacy



**Original Color**  
4278867339

**Protanomaly**  
4280963720

**Deuteranomaly**  
4280112268

**Tritanomaly**  
4278475120

# Monochromacy



**Original Color**  
4278867339

**Achromatopsia**  
4282729797

**Achromatomaly**  
4281355102

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278867339 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(10, 85, 139)` looks like.

```
.text, #text, p{  
    color:rgb(10, 85, 139)  
}
```

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(10, 85, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 85, 139) }
```

## Border

The CSS property to change the border of an element to Android 4278867339 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(10, 85, 139) }
```

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

```
.border{ border-color:rgb(10, 85, 139) }
```

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

Here you see how a box with a 4 pixel rgb(10, 85, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 85, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 85, 139);  
box-shadow:4px 4px 4px 4px rgb(10, 85,  
139) }
```

# Background

The CSS property to change the background color of an element to Android 4278867339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 85, 139) }
```

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

```
.background{ background-color: rgb(10, 85,  
139) }
```

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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