

# Converting Colors

Android(4278859101)

Have a look what the booklet for  
Android(4278859101) contains.

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# Color

**Android(4278859101)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A355D
RGB	10, 53, 93
RGB Percent	4%, 21%, 36%
CMY	0.9608, 0.7922, 0.6353
CMYK	0.89, 0.43, 0.00, 0.64
HSL	209°, 81%, 20%
HSV	209°, 89%, 36%
XYZ	3.3741, 3.4010, 10.8346
YIQ	44.7030, -38.4680, 3.3240

# Conversions

## Conversions Part 2

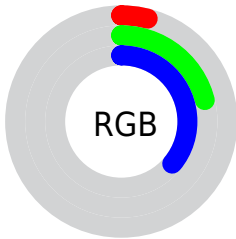
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 38, 93
Decimal	669021
CIE <sub>Lab</sub>	21.58, 2.33, -27.88
CIE <sub>LCh</sub>	22, 27.977, 274.776
Yxy	3.4010, 0.1916, 0.1931
Android (android.graphics.Color)	4278859101 (0xFF0A355D)
YUV	44.7030, 23.8104, -30.4345
Hunter-Lab	18.4419, 0.3843, -21.9233

# Details

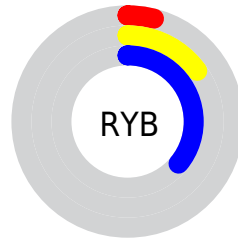
The Android color **4278859101** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284297738**, and the grayscale version is **4281150765**.

A 20% lighter version of the original color is **4282737552**, and **4278191919** is the 20% darker color. If you saturate the color by 10%, you get **4278268253**, and if you desaturate by 10%, it is **4279449949**.

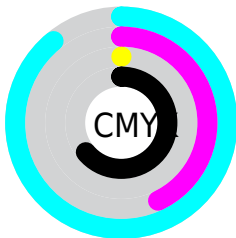
# Distribution



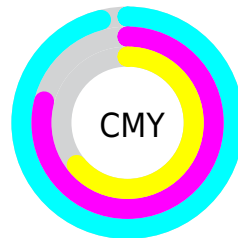
- Red (4%)
- Green (21%)
- Blue (36%)



- Red (4%)
- Yellow (15%)
- Blue (36%)



- Cyan (89%)
- Magenta (43%)
- Yellow (0%)
- Black (64%)



- Cyan (96%)
- Magenta (79%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278859101 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 4278859101 by changing the saturation by 10% instead.





4278859101



4278859101

4294967295



4278198341



4282737552



4278191919



4284447914



4278190361



4286224070



4278190080



4288000226



4289842431



4291684607



4293591039



4278859101



4278859101

■ 4278268253

■ 4279449949

■ 4278202461

■ 4280106589

■ 4280697437

■ 4281288541

■ 4281944925

■ 4282536029

■ 4283126877

■ 4283717981

■ 4284374365

# Harmonies

## Analogous

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



4278205273



4278859101



4281937238

# Triad

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



4278859101



4283900957



4278336545

# Complementary

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



4278859101



4284297738

# 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.



4280695055



4278859101



4283182093

# Square

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



4278859101



4284031025



4282135558



4278206007

# Rectangle

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



4278859101



4282984268



4282135558



4279450651



# Sweetspot

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



4278859101



4283918456



4278869297



4280955965



4290624957



4282203453



# Same Dimension

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



4278859101



4278206072



4278848861



4280888366



4278204782



4278221805



# Inverse Universe

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



4284287541



4286054462



4284307978



4281215276



4285399097



4293722235



# Previews

## White Background



This preview shows how the Android color 4278859101 looks on a white background.

## Color Contrast Check

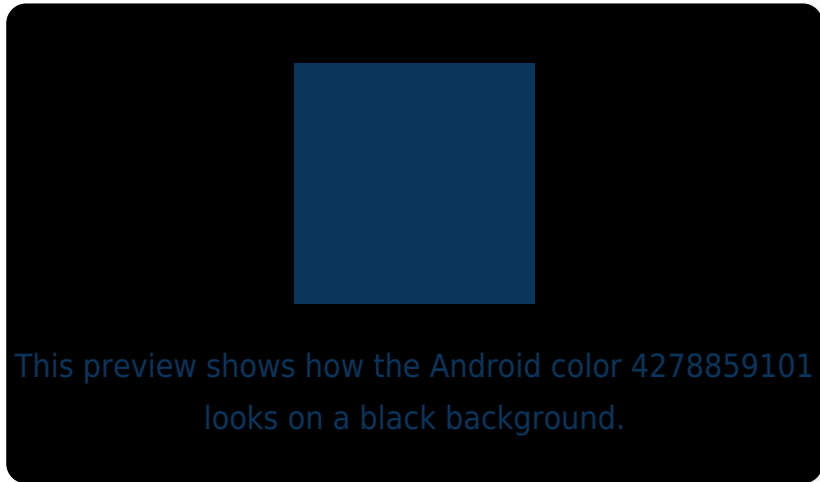
Large Text (above 18pt) WCAG AA ✓ Pass

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

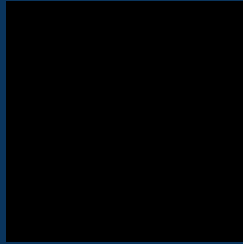
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4278859101 Background



This preview shows how black text looks on a background with the Android color 4278859101.



This preview shows how white text looks on a background with the Android color 4278859101.

# 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**

4278859101

**Protanopia**

4280431451

**Deuteranopia**

4278990173



# Trichromacy



**Original Color**  
4278859101

**Protanomaly**  
4279841884

**Deuteranomaly**  
4278924637

**Tritanomaly**  
4278466633

# Monochromacy



**Original Color**  
4278859101

**Achromatopsia**  
4281150765

**Achromatomaly**  
4280299582

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278859101 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, 53, 93)` looks like.

```
.text, #text, p{  
    color:rgb(10, 53, 93)  
}
```

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, 53, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 53, 93) }
```

## Border

The CSS property to change the border of an element to Android 4278859101 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, 53, 93) }
```

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

```
.border{ border-color:rgb(10, 53, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 53, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 53, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 53, 93);  
box-shadow:4px 4px 4px 4px rgb(10, 53, 93)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278859101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 53, 93) }
```

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

```
.background{ background-color: rgb(10, 53,  
93) }
```

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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