

# Converting Colors

Android(4278866830)

Have a look what the booklet for  
Android(4278866830) contains.

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# Color

**Android(4278866830)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A538E
RGB	10, 83, 142
RGB Percent	4%, 33%, 56%
CMY	0.9608, 0.6745, 0.4431
CMYK	0.93, 0.42, 0.00, 0.44
HSL	207°, 87%, 30%
HSV	207°, 93%, 56%
XYZ	8.1009, 8.2040, 26.7478
YIQ	67.8990, -62.4470, 2.8730

# Conversions

## Conversions Part 2

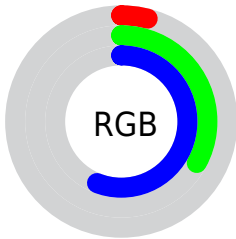
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 57, 142
Decimal	676750
CIE <sub>Lab</sub>	34.40, 2.78, -38.35
CIE <sub>LCh</sub>	34, 38.455, 274.146
Yxy	8.2040, 0.1882, 0.1906
Android (android.graphics.Color)	4278866830 (0xFF0A538E)
YUV	67.8990, 36.5318, -50.7774
Hunter-Lab	28.6427, 0.3599, -35.3176

# Details

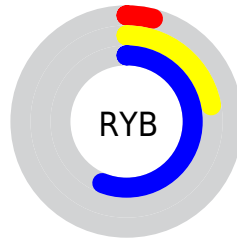
The Android color **4278866830** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **4287513866**, and the grayscale version is **4282664004**.

A 20% lighter version of the original color is **4283663556**, and **4278200155** is the 20% darker color. If you saturate the color by 10%, you get **4278210446**, and if you desaturate by 10%, it is **4279785870**.

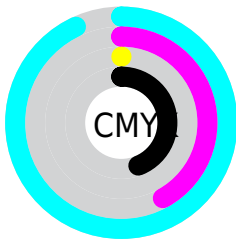
# Distribution



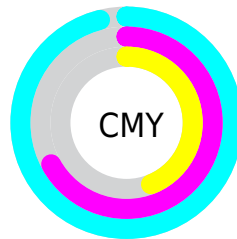
- Red (4%)
- Green (33%)
- Blue (56%)



- Red (4%)
- Yellow (22%)
- Blue (56%)



- Cyan (93%)
- Magenta (42%)
- Yellow (0%)
- Black (44%)



- Cyan (96%)
- Magenta (67%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278866830 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 4278866830 by changing the saturation by 10% instead.



 4278866830

 4278866830

4294967295

 4278205556

 4283663556

 4278200155

 4285570784

 4278194755

 4287478269

 4278190892

 4289320191

 4278190359

 4291228159

 4278190080

 4293132287

 4278866830

 4278866830

 4278210446

 4279785870

■ 4280705166

■ 4281689742

■ 4282608782

■ 4283528078

■ 4284447118

■ 4285366158

■ 4286350990

■ 4287270030

# Harmonies

## Analogous

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



4278213512



4278866830



4283910020

# Triad

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



4278866830



4286921264



4278345269

# Complementary

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



4278866830



4287513866

# 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.



4282210586



4278866830



4285941016

# Square

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



4278866830



4287116366



4284305677



4278214740

# Rectangle

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



4278866830



4285546101



4284305677



4280310827



# Sweetspot

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



4278866830



4286882232



4278881859



4282207836



4292598747



4284243036



# Same Dimension

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



4278866830



4278216376



4278850446



4282401863



4278209415



4278191112



# Inverse Universe

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



4287498835



4290248806



4287530250



4282859588



4287037515



4278714372



# Previews

## White Background



This preview shows how the Android color 4278866830 looks on a white background.

## Color Contrast Check

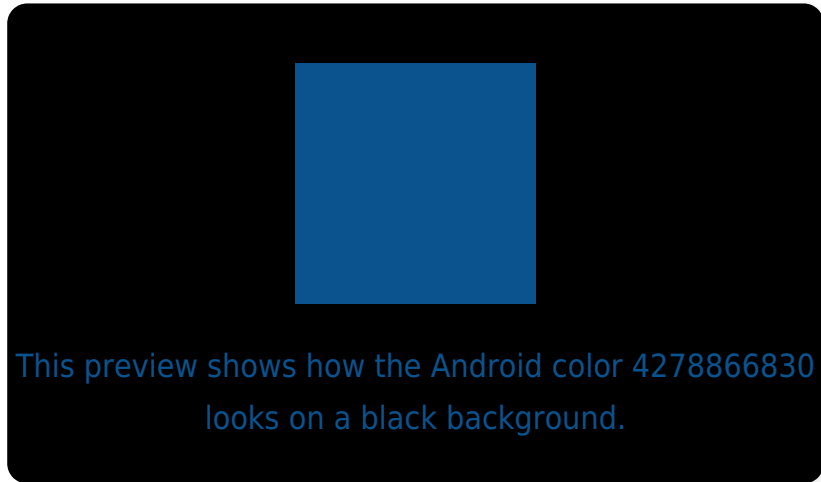
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278866830 Background



This preview shows how black text looks on a background with the Android color 4278866830.



This preview shows how white text looks on a background with the Android color 4278866830.

# 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**

4278866830

**Protanopia**

4281814922

**Deuteranopia**

4280046222



# Trichromacy



**Original Color**  
4278866830

**Protanomaly**  
4280766603

**Deuteranomaly**  
4279587470

**Tritanomaly**  
4278474609

# Monochromacy



**Original Color**  
4278866830

**Achromatopsia**  
4282664004

**Achromatomaly**  
4281289055

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278866830 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, 83, 142)` looks like.

```
.text, #text, p{  
    color:rgb(10, 83, 142)  
}
```

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, 83, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 83, 142) }
```

## Border

The CSS property to change the border of an element to Android 4278866830 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, 83, 142) }
```

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

```
.border{ border-color:rgb(10, 83, 142) }
```

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

Here you see how a box with a 4 pixel rgb(10, 83, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 83, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 83, 142);  
box-shadow:4px 4px 4px 4px rgb(10, 83,  
142) }
```

# Background

The CSS property to change the background color of an element to Android 4278866830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 83, 142) }
```

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

```
.background{ background-color: rgb(10, 83,  
142) }
```

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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