

# Converting Colors

Android(4279395975)

Have a look what the booklet for  
Android(4279395975) contains.

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# Color

**Android(4279395975)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	126687
RGB	18, 102, 135
RGB Percent	7%, 40%, 53%
CMY	0.9294, 0.6000, 0.4706
CMYK	0.87, 0.24, 0.00, 0.47
HSL	197°, 76%, 30%
HSV	197°, 87%, 53%
XYZ	9.3740, 11.3806, 24.6243
YIQ	80.6460, -60.6570, -7.5450

# Conversions

## Conversions Part 2

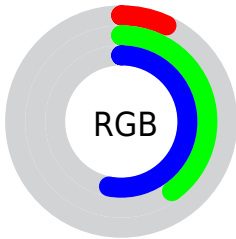
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 67, 135
Decimal	1205895
CIE <sub>Lab</sub>	40.21, -11.29, -24.93
CIE <sub>LCh</sub>	40, 27.369, 245.632
Yxy	11.3806, 0.2066, 0.2508
Android (android.graphics.Color)	4279395975 (0xFF126687)
YUV	80.6460, 26.7965, -54.9405
Hunter-Lab	33.7352, -9.4367, -19.6629

# Details

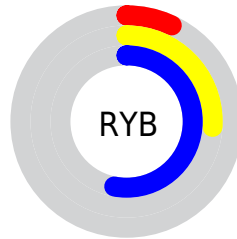
The Android color `4279395975` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287050514`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4283799996`, and `4278204245` is the 20% darker color. If you saturate the color by 10%, you get `4278477447`, and if you desaturate by 10%, it is `4280248967`.

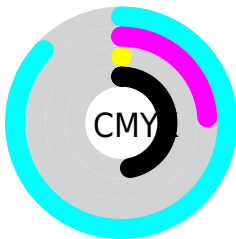
# Distribution



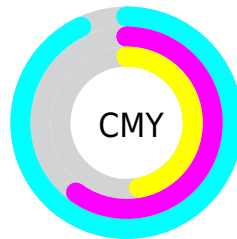
- Red (7%)
- Green (40%)
- Blue (53%)



- Red (7%)
- Yellow (26%)
- Blue (53%)



- Cyan (87%)
- Magenta (24%)
- Yellow (0%)
- Black (47%)



- Cyan (93%)
- Magenta (60%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279395975 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 4279395975 by changing the saturation by 10% instead.





4279395975



4279395975

4294967295



4278210158



4283799996



4278204245



4285707480



4278198846



4287549429



4278191144



4289391871



4278190354



4291297279



4278190080



4293197823



4279395975



4279395975



4278477447



4280248967

■ 4278215047

■ 4281167495

■ 4282020231

■ 4282938759

■ 4283857287

■ 4284710279

■ 4285628807

■ 4286481543

■ 4287334535

# Harmonies

## Analogous

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



4278217336



4279395975



4282671243

# Triad

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



4279395975



4287188315



4283524409

# Complementary

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



4279395975



4287050514

# 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.



4285095729



4279395975



4287123526

# Square

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



4279395975



4286468210



4286338870



4281690444

# Rectangle

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



4279395975



4284242567



4286338870



4284113717



# Sweetspot

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



4279395975



4286751664



4279404337



4282274137



4292467161



4284045657



# Same Dimension

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



4279395975



4278222512



4279381383



4282138690



4278214018



4278190595



# Inverse Universe

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



4287042150



4289724542



4287065106



4282530880



4286709853



4278386690



# Previews

## White Background



This preview shows how the Android color 4279395975 looks on a white background.

## Color Contrast Check

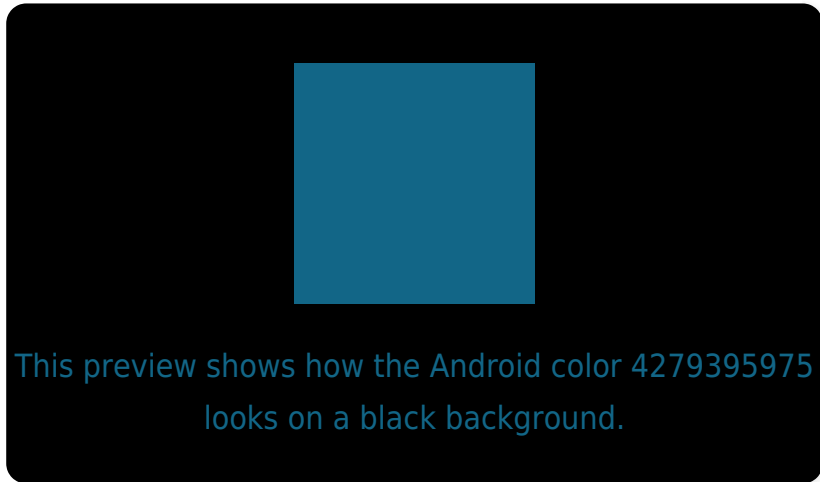
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

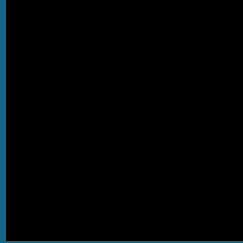
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279395975 Background



This preview shows how black text looks on a background with the Android color 4279395975.

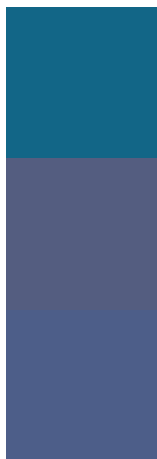


This preview shows how white text looks on a background with the Android color 4279395975.

# 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**  
4279395975

**Protanopia**  
4283719040

**Deuteranopia**  
4283260553



# Trichromacy



**Original Color**  
4279395975

**Protanomaly**  
4282146947

**Deuteranomaly**  
4281885064

**Tritanomaly**  
4278675577

# Monochromacy



**Original Color**  
4279395975

**Achromatopsia**  
4283519313

**Achromatomaly**  
4282014053

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279395975 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(18, 102, 135)` looks like.

```
.text, #text, p{  
    color:rgb(18, 102, 135)  
}
```

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(18, 102, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 102, 135) }
```

## Border

The CSS property to change the border of an element to Android 4279395975 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(18, 102, 135) }
```

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

```
.border{ border-color:rgb(18, 102, 135) }
```

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

Here you see how a box with a 4 pixel rgb(18, 102, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 102, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 102, 135);  
box-shadow:4px 4px 4px 4px rgb(18, 102,  
135) }
```

# Background

The CSS property to change the background color of an element to Android 4279395975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 102, 135) }
```

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

```
.background{ background-color: rgb(18, 102,  
135) }
```

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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