

# Converting Colors

Android(4279277995)

Have a look what the booklet for  
Android(4279277995) contains.

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# Color

**Android(4279277995)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1099AB
RGB	16, 153, 171
RGB Percent	6%, 60%, 67%
CMY	0.9373, 0.4000, 0.3294
CMYK	0.91, 0.11, 0.00, 0.33
HSL	187°, 83%, 37%
HSV	187°, 91%, 67%
XYZ	18.9556, 25.8329, 42.5153
YIQ	114.0890, -87.4300, -23.4460

# Conversions

## Conversions Part 2

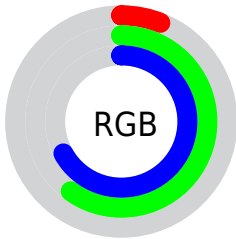
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 89, 171
Decimal	1087915
CIE <sub>Lab</sub>	57.88, -26.31, -18.81
CIE <sub>LCh</sub>	58, 32.343, 215.551
Yxy	25.8329, 0.2171, 0.2959
Android (android.graphics.Color)	4279277995 (0xFF1099AB)
YUV	114.0890, 28.0571, -86.0241
Hunter-Lab	50.8261, -22.3740, -14.0170

# Details

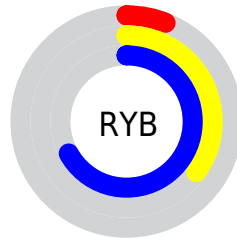
The Android color `4279277995` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289405456`, and the grayscale version is `4285690482`.

A 20% lighter version of the original color is `4284600546`, and `4278216055` is the 20% darker color. If you saturate the color by 10%, you get `4278228907`, and if you desaturate by 10%, it is `4280392619`.

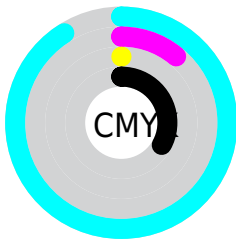
# Distribution



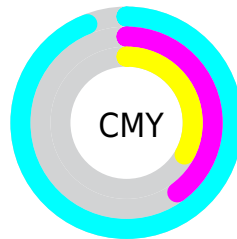
- Red (6%)
- Green (60%)
- Blue (67%)



- Red (6%)
- Yellow (35%)
- Blue (67%)



- Cyan (91%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)



- Cyan (94%)
- Magenta (40%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279277995 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 4279277995 by changing the saturation by 10% instead.





4279277995



4279277995

4294967295



4278222736



4284600546



4278216055



4286639359



4278209886



4288610303



4278203974



4290510847



4278198832



4292542463



4278190363



4294508543



4278190080



4279277995




4279277995



4278228907



4280392619

 4281507243

 4282621867

 4283736491

 4284851115

 4286031275

 4287145899

 4288260523

 4289375147

# Harmonies

## Analogous

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



4281375376



4279277995



4281963710

# Triad

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



4279277995



4289952163



4288252754

# Complementary

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



4279277995



4289405456

# 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.



4289823064



4279277995



4290868615

# Square

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



4279277995



4287988409



4290804076



4286223196

# Rectangle

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



4279277995



4284190659



4290804076



4288841810



# Sweetspot

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



4279277995



4288862174



4279282463



4283198576



4293980400



4285558896



# Same Dimension

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



4279277995



4278240478



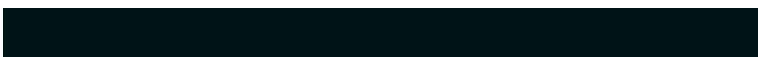
4279258795



4283323991



4278224278



4278195223



# Inverse Universe

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



4289400985



4292739268



4289424656



4283911766



4288020613



4279697428



# Previews

## White Background



This preview shows how the Android color 4279277995 looks on a white background.

## Color Contrast Check

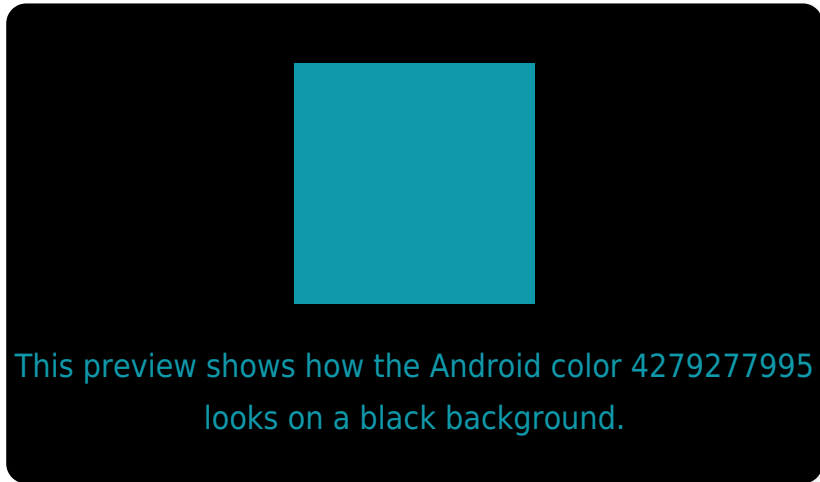
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

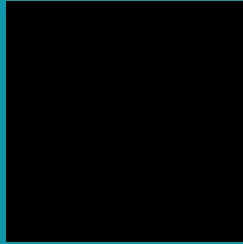
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4279277995 Background



This preview shows how black text looks on a background with the Android color 4279277995.

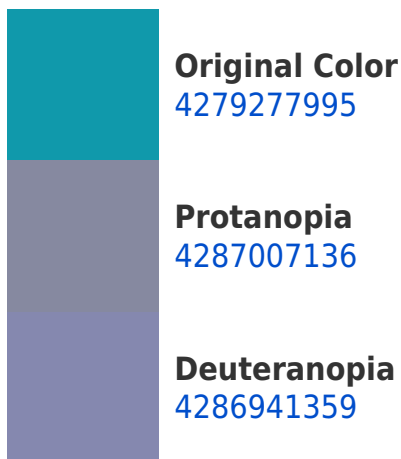


This preview shows how white text looks on a background with the Android color 4279277995.

# 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





# Trichromacy



**Original Color**

4279277995



**Protanomaly**

4284190628



**Deuteranomaly**

4284124846



**Tritanomaly**

4278622888

# Monochromacy



**Original Color**

4279277995



**Achromatopsia**

4285690482



**Achromatomaly**

4283334791

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279277995 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(16, 153, 171)` looks like.

```
.text, #text, p{  
    color:rgb(16, 153, 171)  
}
```

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(16, 153, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 153, 171) }
```

## Border

The CSS property to change the border of an element to Android 4279277995 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(16, 153, 171) }
```

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

```
.border{ border-color:rgb(16, 153, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 153, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 153, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 153, 171);  
box-shadow:4px 4px 4px 4px rgb(16, 153,  
171) }
```

# Background

The CSS property to change the background color of an element to Android 4279277995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 153, 171) }
```

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

```
.background{ background-color: rgb(16, 153,  
171) }
```

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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