

# Converting Colors

Android(4279800466)

Have a look what the booklet for  
Android(4279800466) contains.

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# Color

**Android(4279800466)**

# Conversions

## Conversions Part 1

Format	Color
Hex	189292
RGB	24, 146, 146
RGB Percent	9%, 57%, 57%
CMY	0.9059, 0.4275, 0.4275
CMYK	0.84, 0.00, 0.00, 0.43
HSL	180°, 72%, 33%
HSV	180°, 84%, 57%
XYZ	15.8439, 22.8273, 30.7652
YIQ	109.5220, -72.7120, -25.8640

# Conversions

## Conversions Part 2

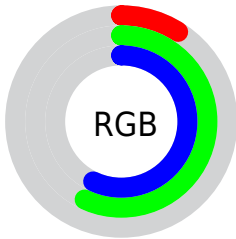
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	24, 85, 146
Decimal	1610386
CIE Lab	54.89, -30.40, -9.01
CIE LCh	55, 31.708, 196.505
Yxy	22.8273, 0.2282, 0.3288
Android (android.graphics.Color)	4279800466 (0xFF189292)
YUV	109.5220, 17.9837, -75.0028
Hunter-Lab	47.7779, -24.4180, -4.7335

# Details

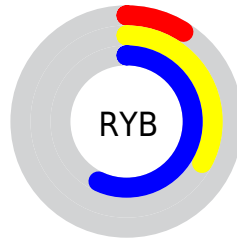
The Android color `4279800466` is a dark color, and the websafe version is hex `009999`. A complement of this color would be `4287764504`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4284467400`, and `4278214496` is the 20% darker color. If you saturate the color by 10%, you get `4278817426`, and if you desaturate by 10%, it is `4280783506`.

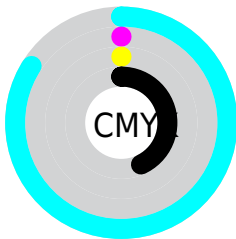
# Distribution



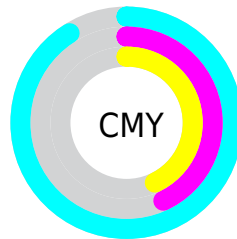
- Red (9%)
- Green (57%)
- Blue (57%)



- Red (9%)
- Yellow (33%)
- Blue (57%)



- Cyan (84%)
- Magenta (0%)
- Yellow (0%)
- Black (43%)



- Cyan (91%)
- Magenta (43%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279800466 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 4279800466 by changing the saturation by 10% instead.





4279800466



4279800466

4294967295



4278220920



4284467400



4278214496



4286440932



4278208328



4288348159



4278202162



4290248703



4278197021



4292214783



4278190080



4294115327



4279800466



4279800466



4278817426



4280783506

■ 4278227602

■ 4281701010

■ 4282684050

■ 4283601554

■ 4284584594

■ 4285567634

■ 4286485138

■ 4287468178

■ 4288385682

# Harmonies

## Analogous

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



4282683766



4279800466



4279079082

# Triad

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



4279800466



4288247721



4288707918

# Complementary

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



4279800466



4287764504

# 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.



4289885277



4279800466



4289818513

# Square

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



4279800466



4285825464



4290342517



4287006542

# Rectangle

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



4279800466



4281568437



4290342517



4289165906



# Sweetspot

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



4279800466



4287544765



4279800344



4282539614



4292796126



4284374622



# Same Dimension

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



4279800466



4278238653



4279784850



4282600010



4278225546



4278192650



# Inverse Universe

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



4287764626



4290576573



4287780120



4283056970



4287234186

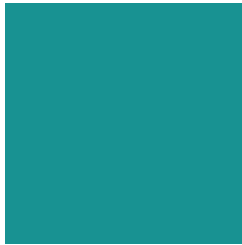


4278845450



# Previews

## White Background



This preview shows how the Android color 4279800466 looks on a white background.

## Color Contrast Check

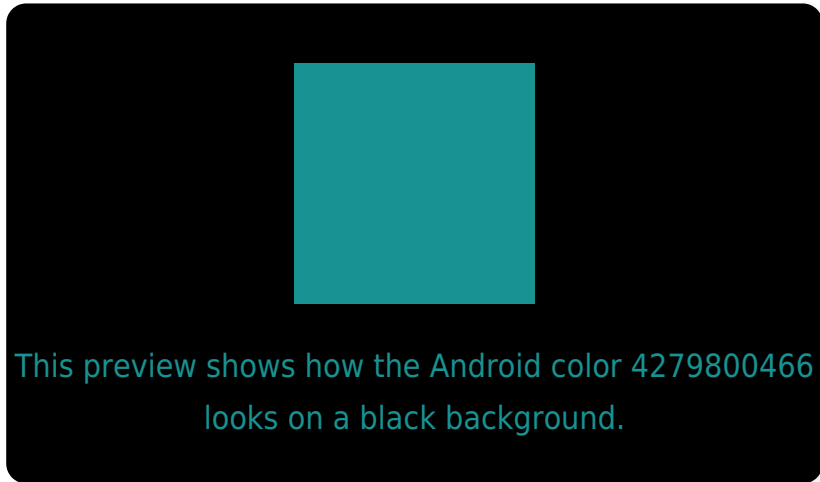
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279800466 Background



This preview shows how black text looks on a background with the Android color 4279800466.

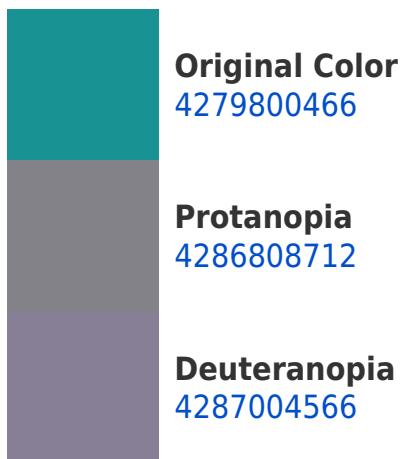


This preview shows how white text looks on a background with the Android color 4279800466.

# 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**

4279800466



**Protanomaly**

4284254348



**Deuteranomaly**

4284384917



**Tritanomaly**

4280258968

# Monochromacy



**Original Color**

4279800466



**Achromatopsia**

4285427310



**Achromatomaly**

4283399035

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279800466 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(24, 146, 146)` looks like.

```
.text, #text, p{  
    color:rgb(24, 146, 146)  
}
```

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(24, 146, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 146, 146) }
```

## Border

The CSS property to change the border of an element to Android 4279800466 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(24, 146, 146) }
```

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

```
.border{ border-color:rgb(24, 146, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 146, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 146, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 146, 146);  
box-shadow:4px 4px 4px 4px rgb(24, 146,  
146) }
```

# Background

The CSS property to change the background color of an element to Android 4279800466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 146, 146) }
```

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

```
.background{ background-color: rgb(24, 146,  
146) }
```

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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