

# Converting Colors

Android(4279526513)

Have a look what the booklet for  
Android(4279526513) contains.

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# Color

**Android(4279526513)**

# Conversions

## Conversions Part 1

Format	Color
Hex	146471
RGB	20, 100, 113
RGB Percent	8%, 39%, 44%
CMY	0.9216, 0.6078, 0.5569
CMYK	0.82, 0.12, 0.00, 0.56
HSL	188°, 70%, 26%
HSV	188°, 82%, 44%
XYZ	7.8263, 10.4553, 17.2284
YIQ	77.5620, -51.8530, -12.9170

# Conversions

## Conversions Part 2

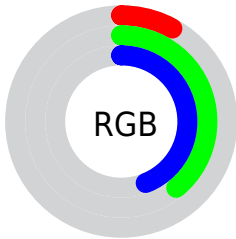
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 63, 113
Decimal	1336433
CIE <sub>Lab</sub>	38.65, -18.02, -13.95
CIE <sub>LCh</sub>	39, 22.795, 217.747
Yxy	10.4553, 0.2204, 0.2944
Android (android.graphics.Color)	4279526513 (0xFF146471)
YUV	77.5620, 17.4709, -50.4819
Hunter-Lab	32.3347, -13.3815, -8.9563

# Details

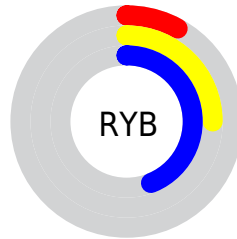
The Android color **4279526513** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4285604116**, and the grayscale version is **4283256141**.

A 20% lighter version of the original color is **4283602853**, and **4278203713** is the 20% darker color. If you saturate the color by 10%, you get **4278805105**, and if you desaturate by 10%, it is **4280247921**.

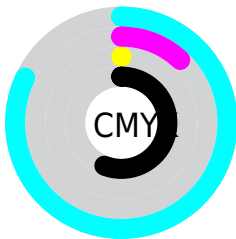
# Distribution



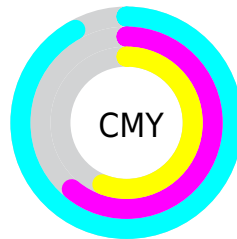
- Red (8%)
- Green (39%)
- Blue (44%)



- Red (8%)
- Yellow (25%)
- Blue (44%)



- Cyan (82%)
- Magenta (12%)
- Yellow (0%)
- Black (56%)



- Cyan (92%)
- Magenta (61%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279526513 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 4279526513 by changing the saturation by 10% instead.





4279526513



4279526513

4294967295



4278209625



4283602853



4278203713



4285379264



4278198315



4287221212



4278190359



4289063672



4278190080



4290904063



4292804607



4294705151



4279526513



4279526513

■ 4278805105

■ 4280247921

■ 4278215025

■ 4281034609

■ 4281756017

■ 4282477169

■ 4283264113

■ 4283985265

■ 4284706673

■ 4285428081

■ 4286214769

# Harmonies

## Analogous

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



4280313183



4279526513



4280967549

# Triad

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



4279526513



4285943657



4284701494

# Complementary

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



4279526513



4285604116

# 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.



4285748537



4279526513



4286532951

# Square

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



4279526513



4284699768



4286402373



4283392317

# Rectangle

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



4279526513



4282342784



4286402373



4285094198



# Sweetspot

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



4279526513



4285501332



4279529760



4281616202



4291414473



4283058762



# Same Dimension

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



4279526513



4278288276



4279514737



4281481016



4278216568



4278244855



# Inverse Universe

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



4285600868



4287889791



4285615892



4281872951



4286054503

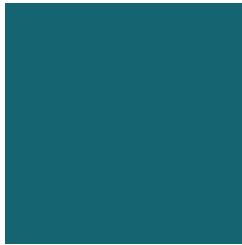


4294377685



# Previews

## White Background



This preview shows how the Android color 4279526513 looks on a white background.

## Color Contrast Check

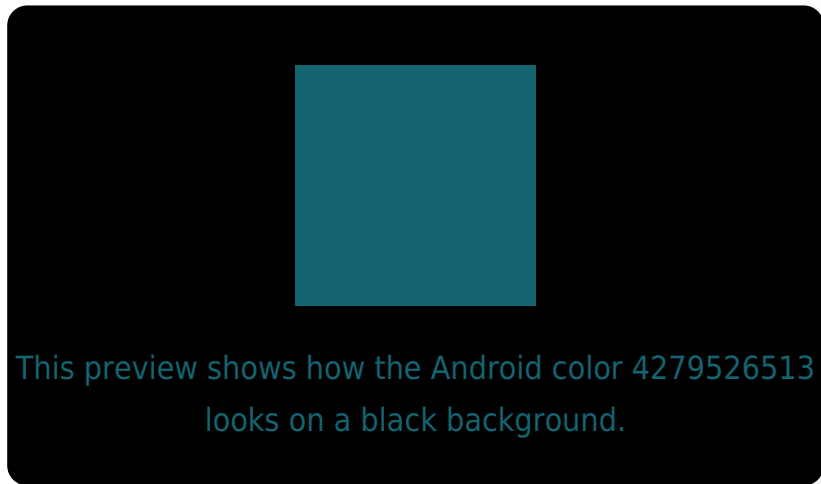
Large Text (above 18pt) WCAG AA ✓ Pass

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

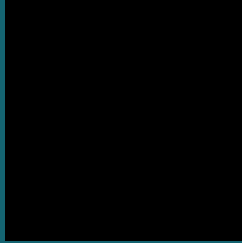
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279526513 Background



This preview shows how black text looks on a background with the Android color 4279526513.

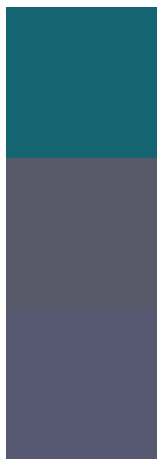


This preview shows how white text looks on a background with the Android color 4279526513.

# 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**  
4279526513

**Protanopia**  
4283980394

**Deuteranopia**  
4283914611



# Trichromacy



**Original Color**  
4279526513

**Protanomaly**  
4282343021

**Deuteranomaly**  
4282342770

**Tritanomaly**  
4279264622

# Monochromacy



**Original Color**  
4279526513

**Achromatopsia**  
4283321934

**Achromatomaly**  
4281947739

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279526513 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(20, 100, 113)` looks like.

```
.text, #text, p{  
    color:rgb(20, 100, 113)  
}
```

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(20, 100, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 100, 113) }
```

## Border

The CSS property to change the border of an element to Android 4279526513 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(20, 100, 113) }
```

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

```
.border{ border-color:rgb(20, 100, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 100, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 100, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 100, 113);  
box-shadow:4px 4px 4px 4px rgb(20, 100,  
113) }
```

# Background

The CSS property to change the background color of an element to Android 4279526513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 100, 113) }
```

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

```
.background{ background-color: rgb(20, 100,  
113) }
```

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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