

# Converting Colors

Android(4279504000)

Have a look what the booklet for  
Android(4279504000) contains.

<b>Android(4279504000)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4279504000)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	140C80
RGB	20, 12, 128
RGB Percent	8%, 5%, 50%
CMY	0.9216, 0.9529, 0.4980
CMYK	0.84, 0.91, 0.00, 0.50
HSL	244°, 83%, 27%
HSV	244°, 91%, 50%
XYZ	4.3162, 1.9702, 20.5749
YIQ	27.6160, -32.4680, 37.7720

# Conversions

## Conversions Part 2

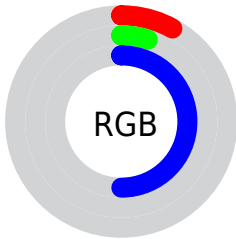
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 12, 128
Decimal	1313920
CIELab	15.33, 43.34, -60.75
CIELCh	15, 74.628, 305.506
Yxy	1.9702, 0.1607, 0.0733
Android (android.graphics.Color)	4279504000 (0xFF140C80)
YUV	27.6160, 49.4893, -6.6792
Hunter-Lab	14.0363, 30.3262, -77.0838

# Details

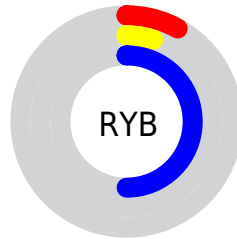
The Android color **4279504000** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4286087180**, and the grayscale version is **4279966491**.

A 20% lighter version of the original color is **4283972790**, and **4278190157** is the 20% darker color. If you saturate the color by 10%, you get **4278780032**, and if you desaturate by 10%, it is **4280293760**.

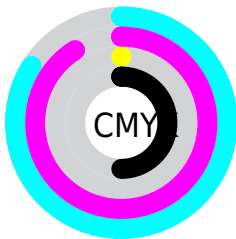
# Distribution



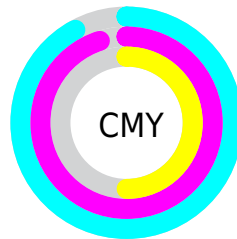
- Red (8%)
- Green (5%)
- Blue (50%)



- Red (8%)
- Yellow (5%)
- Blue (50%)



- Cyan (84%)
- Magenta (91%)
- Yellow (0%)
- Black (50%)



- Cyan (92%)
- Magenta (95%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279504000 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 4279504000 by changing the saturation by 10% instead.



 4279504000

 4279504000

 4294964991

 4278190182

 4283972790

 4278190157

 4285879506

 4278191413

 4287786479

 4278190623

 4289628159

 4278190082

 4291601151

 4278190080

 4293508607

 4294957567

 4279504000

 4279504000

■ 4278780032

■ 4280293760

■ 4281083520

■ 4281873024

■ 4282662784

■ 4283452544

■ 4284242304

■ 4284966528

■ 4285756032

■ 4286545792

# Harmonies

## Analogous

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



4278202005



4279504000



4284874836

# Triad

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



4279504000



4283501312



4278204207

# Complementary

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



4279504000



4286087180

# 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.



4278203904



4279504000



4280821760

# Square

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



4279504000



4285399040



4278202880



4278204773

# Rectangle

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



4279504000



4285923377



4278202880



4278204189



# Sweetspot

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



4279504000



4286347686



4279007360



4282071380



4292138196



4283716692



# Same Dimension

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



4279504000



4278911142



4283305088



4282005824



4278780032



4278190080



# Inverse Universe

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



4286581880



4289069210



4282286092



4282399039



4286578807

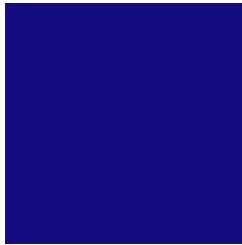


4278190080



# Previews

## White Background



This preview shows how the Android color 4279504000 looks on a white background.

## Color Contrast Check

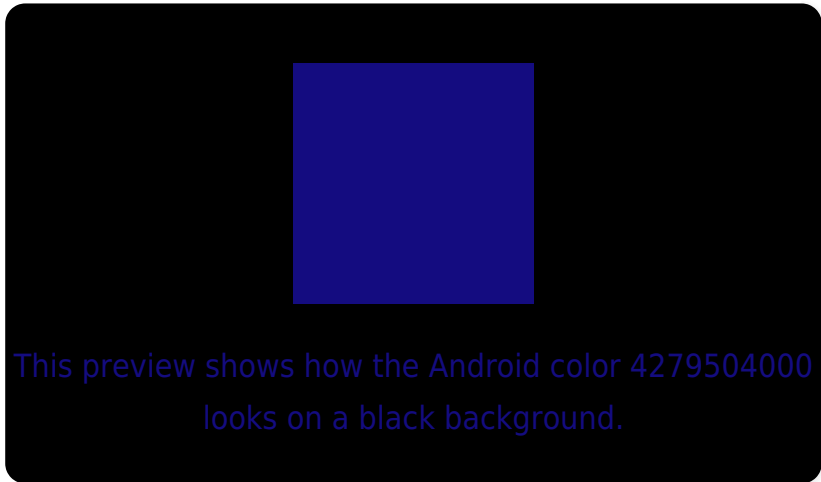
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279504000 Background



This preview shows how black text looks on a background with the Android color 4279504000.



This preview shows how white text looks on a background with the Android color 4279504000.

# 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**  
4279504000

**Protanopia**  
4278200146

**Deuteranopia**  
4278200902



# Trichromacy



**Original Color**  
4279504000

**Protanomaly**  
4278656355

**Deuteranomaly**  
4278656859

**Tritanomaly**  
4278657356

# Monochromacy



**Original Color**  
4279504000

**Achromatopsia**  
4280032284

**Achromatomaly**  
4279834176

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279504000 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, 12, 128)` looks like.

```
.text, #text, p{  
    color:rgb(20, 12, 128)  
}
```

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, 12, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 12, 128) }
```

## Border

The CSS property to change the border of an element to Android 4279504000 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, 12, 128) }
```

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

```
.border{ border-color:rgb(20, 12, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 12, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 12, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 12, 128);  
box-shadow:4px 4px 4px 4px rgb(20, 12,  
128) }
```

# Background

The CSS property to change the background color of an element to Android 4279504000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 12, 128) }
```

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

```
.background{ background-color: rgb(20, 12,  
128) }
```

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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