

# Converting Colors

Android(4278194788)

Have a look what the booklet for  
Android(4278194788) contains.

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# Color

**Android(4278194788)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	001264
RGB	0, 18, 100
RGB Percent	0%, 7%, 39%
CMY	1.0000, 0.9294, 0.6078
CMYK	1.00, 0.82, 0.00, 0.61
HSL	229°, 100%, 20%
HSV	229°, 100%, 39%
XYZ	2.5166, 1.3527, 12.1851
YIQ	21.9660, -37.0500, 21.6860

# Conversions

## Conversions Part 2

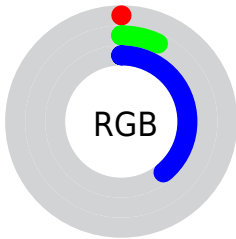
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 15, 100
Decimal	4708
CIE <sub>Lab</sub>	11.64, 29.89, -48.73
CIE <sub>LCh</sub>	12, 57.163, 301.527
Yxy	1.3527, 0.1568, 0.0843
Android (android.graphics.Color)	4278194788 (0xFF001264)
YUV	21.9660, 38.4708, -19.2642
Hunter-Lab	11.6306, 18.2691, -53.9749

# Details

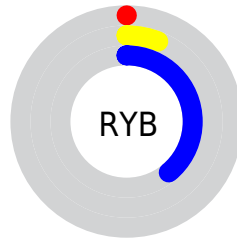
The Android color **4278194788** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4284764672**, and the grayscale version is **4279637526**.

A 20% lighter version of the original color is **4282858904**, and **4278191156** is the 20% darker color. If you saturate the color by 10%, you get **4278194788**, and if you desaturate by 10%, it is **4278852196**.

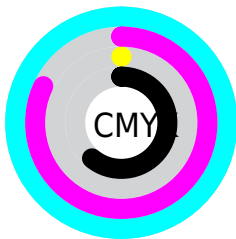
# Distribution



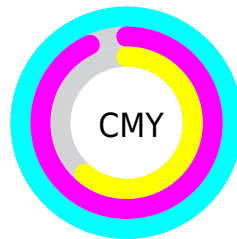
- Red (0%)
- Green (7%)
- Blue (39%)



- Red (0%)
- Yellow (6%)
- Blue (39%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (93%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278194788 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 4278194788 by changing the saturation by 10% instead.



 4278194788

 4278194788

 4294964479

 4278190156

 4282858904

 4278191156

 4284634291

 4278190622

 4286410191

 4278190080

 4288251628

 4290093567

 4292001023

 4293908735

 4278194788

■ 4278852196

■ 4279509604

■ 4280167268

■ 4280824676

■ 4281482084

■ 4282139492

■ 4282796900

■ 4283454564

■ 4284111972

# Harmonies

## Analogous

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



4278199664



4278194788



4283105349

# Triad

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



4278194788



4282582784



4278201632

# Complementary

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



4278194788



4284764672

# 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.



4278201344



4278194788



4280688384

# Square

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



4278194788



4283891712



4278200064



4278201928

# Rectangle

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



4278194788



4284022828



4278200064



4278201618



# Sweetspot

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



4278194788



4284179074



4278215762



4280954690



4290953922



4282532418



# Same Dimension

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



4278194788



4278196098



4280287332



4281216819



4278195571



4278201586



# Inverse Universe

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



4284743698



4286709783



4282672128



4281544239



4285726741

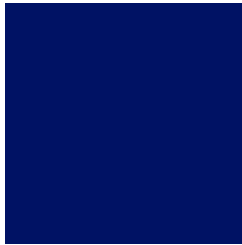


4294049836



# Previews

## White Background



This preview shows how the Android color 4278194788 looks on a white background.

## Color Contrast Check

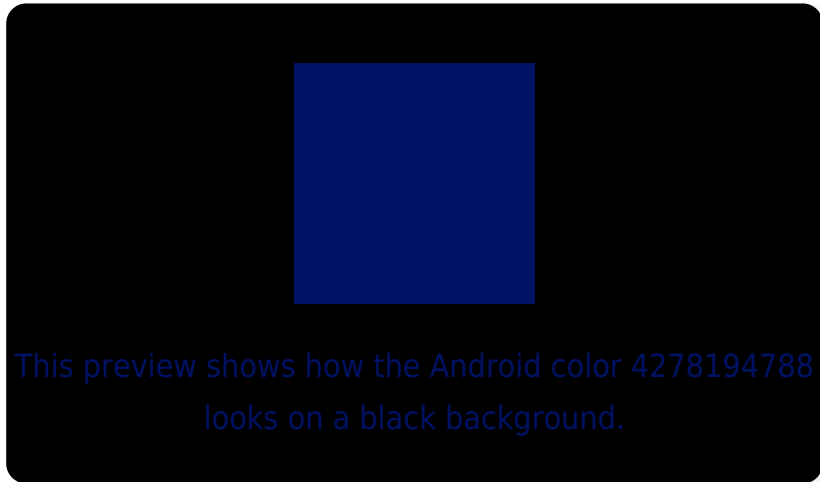
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278194788 Background



This preview shows how black text looks on a background with the Android color 4278194788.



This preview shows how white text looks on a background with the Android color 4278194788.

# 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**

4278194788

**Protanopia**

4278198339

**Deuteranopia**

4278198841



# Trichromacy



**Original Color**  
4278194788

**Protanomaly**  
4278197071

**Deuteranomaly**  
4278197321

**Tritanomaly**  
4278197821

# Monochromacy



**Original Color**  
4278194788

**Achromatopsia**  
4279637526

**Achromatomaly**  
4279113010

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278194788 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(0, 18, 100)` looks like.

```
.text, #text, p{  
    color:rgb(0, 18, 100)  
}
```

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(0, 18, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 18, 100) }
```

## Border

The CSS property to change the border of an element to Android 4278194788 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(0, 18, 100) }
```

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

```
.border{ border-color:rgb(0, 18, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 18, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 18, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 18, 100);  
box-shadow:4px 4px 4px 4px rgb(0, 18, 100)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278194788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 18, 100) }
```

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

```
.background{ background-color: rgb(0, 18,  
100) }
```

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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