

# Converting Colors

Android(4278195572)

Have a look what the booklet for  
Android(4278195572) contains.

<b>Android(4278195572)</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(4278195572)**

# Conversions

## Conversions Part 1

Format	Color
Hex	001574
RGB	0, 21, 116
RGB Percent	0%, 8%, 45%
CMY	1.0000, 0.9176, 0.5451
CMYK	1.00, 0.82, 0.00, 0.55
HSL	229°, 100%, 23%
HSV	229°, 100%, 45%
XYZ	3.4206, 1.7973, 16.6896
YIQ	25.5510, -43.0110, 25.0930

# Conversions

## Conversions Part 2

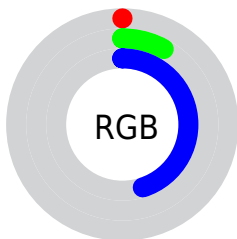
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 18, 116
Decimal	5492
CIELab	14.39, 34.11, -54.65
CIELCh	14, 64.417, 301.970
Yxy	1.7973, 0.1561, 0.0820
Android (android.graphics.Color)	4278195572 (0xFF001574)
YUV	25.5510, 44.5914, -22.4082
Hunter-Lab	13.4063, 22.0824, -64.4263

# Details

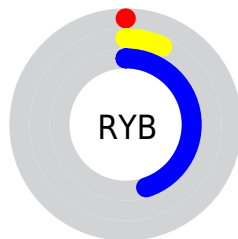
The Android color **4278195572** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **4285816576**, and the grayscale version is **4279834905**.

A 20% lighter version of the original color is **4283187625**, and **4278190146** is the 20% darker color. If you saturate the color by 10%, you get **4278195572**, and if you desaturate by 10%, it is **4278984564**.

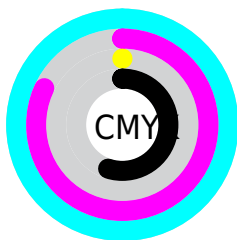
# Distribution



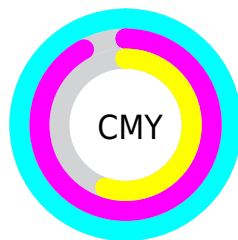
- Red (0%)
- Green (8%)
- Blue (45%)



- Red (0%)
- Yellow (7%)
- Blue (45%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (92%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278195572 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 4278195572 by changing the saturation by 10% instead.



 4278195572

 4278195572

 4294966015

 4278190171

 4283187625

 4278190146

 4285094341

 4278190891

 4286935521

 4278190357

 4288777214

 4278190080

 4290684671

 4292592127

 4294565375

 4278195572

■ 4278984564

■ 4279707764

■ 4280496756

■ 4281219956

■ 4282008948

■ 4282797684

■ 4283521140

■ 4284309876

■ 4285033332

# Harmonies

## Analogous

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



4278201475



4278195572



4283957328

# Triad

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



4278195572



4283304192



4278203430

# Complementary

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



4278195572



4285816576

# 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.



4278202880



4278195572



4281082880

# Square

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



4278195572



4284809216



4278201856



4278203732

# Rectangle

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



4278195572



4285005875



4278201856



4278203414



# Sweetspot

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



4278195572



4285100438



4278219871



4281415245



4291611852



4283256141



# Same Dimension

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



4278195572



4278197142



4280615028



4281677371



4278195834



4278201850



# Inverse Universe

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



4285792277



4288020507



4283397120



4282070326



4286185494



4294574125



# Previews

## White Background



This preview shows how the Android color 4278195572 looks on a white background.

## Color Contrast Check

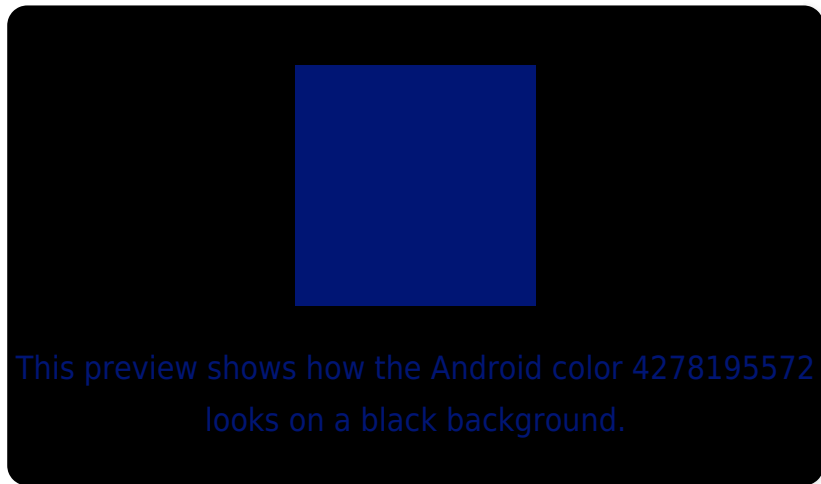
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278195572 Background



This preview shows how black text looks on a background with the Android color 4278195572.



This preview shows how white text looks on a background with the Android color 4278195572.

# 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**  
4278195572

**Protanopia**  
4278199630

**Deuteranopia**  
4278200386



# Trichromacy



**Original Color**  
4278195572

**Protanomaly**  
4278198108

**Deuteranomaly**  
4278198612

**Tritanomaly**  
4278199111

# Monochromacy



**Original Color**  
4278195572

**Achromatopsia**  
4279900698

**Achromatomaly**  
4279310395

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278195572 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, 21, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 21, 116)  
}
```

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, 21, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 21, 116) }
```

## Border

The CSS property to change the border of an element to Android 4278195572 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, 21, 116) }
```

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

```
.border{ border-color:rgb(0, 21, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 21, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 21, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 21, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 21, 116)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278195572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 21, 116) }
```

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

```
.background{ background-color: rgb(0, 21,  
116) }
```

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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