

# Converting Colors

Android(4278482624)

Have a look what the booklet for  
Android(4278482624) contains.

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# Color

**Android(4278482624)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0476C0
RGB	4, 118, 192
RGB Percent	2%, 46%, 75%
CMY	0.9843, 0.5373, 0.2471
CMYK	0.98, 0.39, 0.00, 0.25
HSL	204°, 96%, 38%
HSV	204°, 98%, 75%
XYZ	16.0429, 16.7884, 52.2641
YIQ	92.3500, -91.6980, -1.1540

# Conversions

## Conversions Part 2

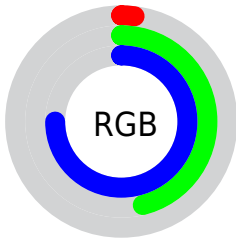
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 75, 192
Decimal	292544
CIELab	47.99, 0.49, -46.26
CIELCh	48, 46.266, 270.613
Yxy	16.7884, 0.1885, 0.1973
Android (android.graphics.Color)	4278482624 (0xFF0476C0)
YUV	92.3500, 49.1275, -77.4829
Hunter-Lab	40.9737, -1.8137, -46.9459

# Details

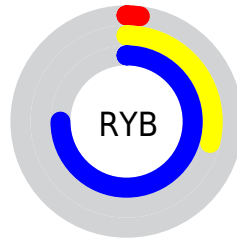
The Android color `4278482624` is a dark color, and the websafe version is hex `336699`. The color can be described as dark washed azure. A complement of this color would be `4290792964`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4284525305`, and `4278208138` is the 20% darker color. If you saturate the color by 10%, you get `4278219968`, and if you desaturate by 10%, it is `4279729856`.

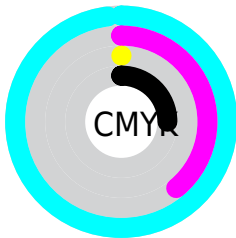
# Distribution



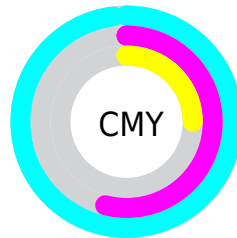
- Red (2%)
- Green (46%)
- Blue (75%)



- Red (2%)
- Yellow (29%)
- Blue (75%)



- Cyan (98%)
- Magenta (39%)
- Yellow (0%)
- Black (25%)



- Cyan (98%)
- Magenta (54%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278482624 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 4278482624 by changing the saturation by 10% instead.





4278482624



4278482624

4294967295



4278214309



4284525305



4278208138



4286563839



4278202736



4288602623



4278197591



4290575871



4278191679



4292542463



4278190888



4294574079



4278190354



4278190080



4278482624



4278482624

■ 4278219968

■ 4279729856

■ 4280976832

■ 4282289600

■ 4283536576

■ 4284783808

■ 4286030784

■ 4287278016

■ 4288590528

■ 4289837760

# Harmonies

## Analogous

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



4278223029



4278482624



4285818805

# Triad

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



4278482624



4290204492



4280648266

# Complementary

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



4278482624



4290792964

# 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.



4284447530



4278482624



4289028653

# Square

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



4278482624



4290203251



4287000605



4278224242

# Rectangle

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



4278482624



4287978660



4287000605



4282220606



# Sweetspot

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



4278482624



4289846778



4278501452



4283526269



4294769916



4286414205



# Same Dimension

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



4278482624



4278229242



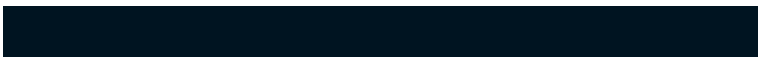
4278459072



4283915617



4278215073



4278195233



# Inverse Universe

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



4290774134



4294574232



4290816516



4284569437



4288741473



4280352788



# Previews

## White Background



This preview shows how the Android color 4278482624 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



This preview shows how the Android color 4278482624 looks on a 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 4278482624 Background



This preview shows how black text looks on a background with the Android color 4278482624.



This preview shows how white text looks on a background with the Android color 4278482624.

# 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**  
4278482624

**Protanopia**  
4283723705

**Deuteranopia**  
4281889729



# Trichromacy



**Original Color**  
4278482624

**Protanomaly**  
4281823932

**Deuteranomaly**  
4280644801

**Tritanomaly**  
4278287260

# Monochromacy



**Original Color**  
4278482624

**Achromatopsia**  
4284243036

**Achromatomaly**  
4282148224

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278482624 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(4, 118, 192)` looks like.

```
.text, #text, p{  
    color:rgb(4, 118, 192)  
}
```

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(4, 118, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 118, 192) }
```

## Border

The CSS property to change the border of an element to Android 4278482624 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(4, 118, 192) }
```

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

```
.border{ border-color:rgb(4, 118, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 118, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 118, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 118, 192);  
box-shadow:4px 4px 4px 4px rgb(4, 118,  
192) }
```

# Background

The CSS property to change the background color of an element to Android 4278482624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 118, 192) }
```

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

```
.background{ background-color: rgb(4, 118,  
192) }
```

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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