

# Converting Colors

Android(4282406010)

Have a look what the booklet for  
Android(4282406010) contains.

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# Color

**Android(4282406010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40547A
RGB	64, 84, 122
RGB Percent	25%, 33%, 48%
CMY	0.7490, 0.6706, 0.5216
CMYK	0.48, 0.31, 0.00, 0.52
HSL	219°, 31%, 36%
HSV	219°, 48%, 48%
XYZ	8.7975, 8.8358, 19.6541
YIQ	82.3520, -24.1180, 7.5780

# Conversions

## Conversions Part 2

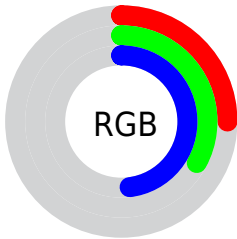
Format	Color
R <sub>YB</sub>	64, 79, 122
Decimal	4215930
CIE Lab	35.67, 3.48, -23.95
CIE LCh	36, 24.202, 278.257
Yxy	8.8358, 0.2359, 0.2370
Android (android.graphics.Color)	4282406010 (0xFF40547A)
YUV	82.3520, 19.5465, -16.0947
Hunter-Lab	29.7250, 0.8107, -18.3949

# Details

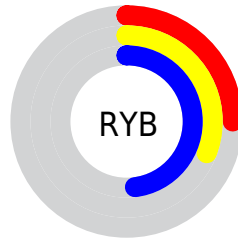
The Android color `4282406010` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4286211648`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4285760943`, and `4278921033` is the 20% darker color. If you saturate the color by 10%, you get `4281617530`, and if you desaturate by 10%, it is `4283194490`.

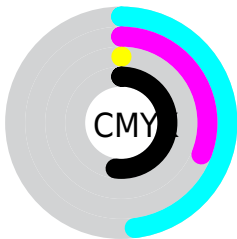
# Distribution



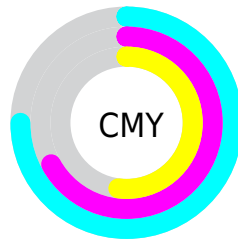
- Red (25%)
- Green (33%)
- Blue (48%)



- Red (25%)
- Yellow (31%)
- Blue (48%)



- Cyan (48%)
- Magenta (31%)
- Yellow (0%)
- Black (52%)



- Cyan (75%)
- Magenta (67%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282406010 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 4282406010 by changing the saturation by 10% instead.



■ 4282406010

■ 4282406010

4294967295

■ 4280761697

■ 4285760943

■ 4278921033

■ 4287471562

■ 4278194994

■ 4289247974

■ 4278190621

■ 4291090175

■ 4278190080

■ 4292932351

4294836223

■ 4282406010

■ 4282406010

■ 4281617530

■ 4283194490

■ 4280829050

■ 4283982970

■ 4279975034

■ 4284836986

■ 4279186554

■ 4285625466

■ 4278398074

■ 4286413946

■ 4278200954

■ 4287202426

■ 4287990906

■ 4288844922

■ 4289633402

# Harmonies

## Analogous

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



4279917175



4282406010



4284304754

# Triad

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



4282406010



4286007357



4281228613

# Complementary

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



4282406010



4286211648

# 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.



4282800693



4282406010



4285287984

# Square

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



4282406010



4286137679



4284175405



4279000665

# Rectangle

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



4282406010



4285220969



4284175405



4281752639



# Sweetspot

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



4282406010



4287139998



4282415718



4282533455



4291809231



4283387727



# Same Dimension

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



4282406010



4282672030



4282990714



4281809213



4278201213



4278212604



# Inverse Universe

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



4286201940



4288562275



4285626944



4282201913



4286382123

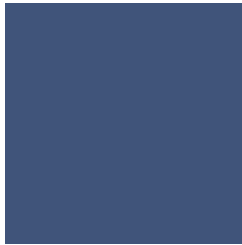


4294705239



# Previews

## White Background



This preview shows how the Android color 4282406010 looks on a white background.

## Color Contrast Check

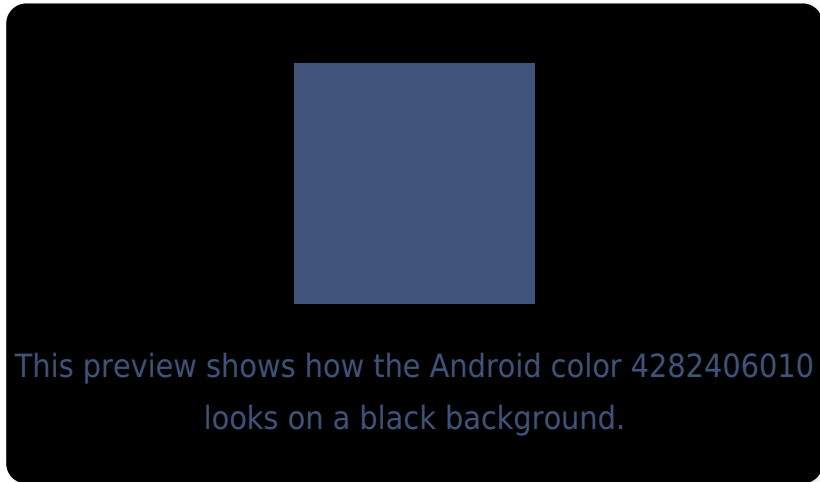
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282406010 Background



This preview shows how black text looks on a background with the Android color 4282406010.

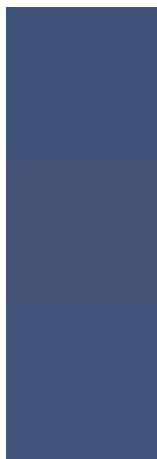


This preview shows how white text looks on a background with the Android color 4282406010.

# 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**

4282406010

**Protanopia**

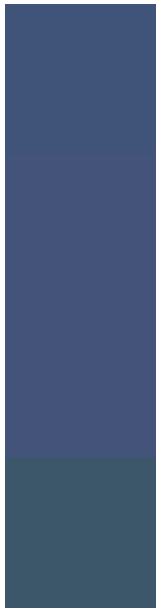
4282864249

**Deuteranopia**

4282667898



# Trichromacy



**Original Color**

4282406010

**Protanomaly**

4282667897

**Deuteranomaly**

4282602362

**Tritanomaly**

4282079081

# Monochromacy



**Original Color**

4282406010

**Achromatopsia**

4283585106

**Achromatomaly**

4283126625

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282406010 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(64, 84, 122)` looks like.

```
.text, #text, p{  
    color:rgb(64, 84, 122)  
}
```

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(64, 84, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 84, 122) }
```

## Border

The CSS property to change the border of an element to Android 4282406010 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(64, 84, 122) }
```

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

```
.border{ border-color:rgb(64, 84, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 84, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 84, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 84, 122);  
box-shadow:4px 4px 4px 4px rgb(64, 84,  
122) }
```

# Background

The CSS property to change the background color of an element to Android 4282406010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 84, 122) }
```

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

```
.background{ background-color: rgb(64, 84,  
122) }
```

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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