

# Converting Colors

Android(4282282404)

Have a look what the booklet for  
Android(4282282404) contains.

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# Color

**Android(4282282404)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E71A4
RGB	62, 113, 164
RGB Percent	24%, 44%, 64%
CMY	0.7569, 0.5569, 0.3569
CMYK	0.62, 0.31, 0.00, 0.36
HSL	210°, 45%, 44%
HSV	210°, 62%, 64%
XYZ	14.5926, 15.5147, 37.3475
YIQ	103.5650, -46.7670, 5.0490

# Conversions

## Conversions Part 2

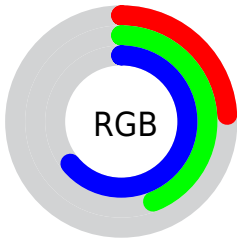
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 96, 164
Decimal	4092324
CIELab	46.33, -0.94, -32.53
CIELCh	46, 32.547, 268.351
Yxy	15.5147, 0.2163, 0.2300
Android (android.graphics.Color)	4282282404 (0xFF3E71A4)
YUV	103.5650, 29.7945, -36.4525
Hunter-Lab	39.3887, -2.8004, -28.6453

# Details

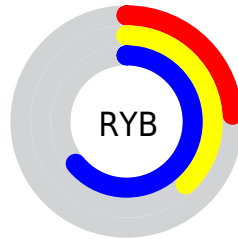
The Android color `4282282404` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288966974`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4285965787`, and `4278207088` is the 20% darker color. If you saturate the color by 10%, you get `4281231780`, and if you desaturate by 10%, it is `4283333028`.

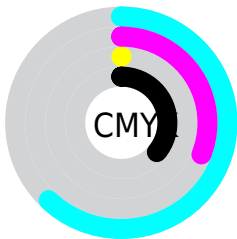
# Distribution



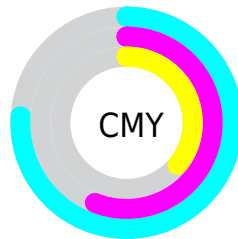
- Red (24%)
- Green (44%)
- Blue (64%)



- Red (24%)
- Yellow (38%)
- Blue (64%)



- Cyan (62%)
- Magenta (31%)
- Yellow (0%)
- Black (36%)



- Cyan (76%)
- Magenta (56%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282282404 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 4282282404 by changing the saturation by 10% instead.





4282282404



4282282404

4294967295



4280113546



4285965787



4278207088



4287807736



4278201431



4289715199



4278196288



4291557631



4278190889



4293525503



4278190355



4278190080



4282282404



4282282404



4281231780



4283333028

■ 4280115620

■ 4284449188

■ 4279064740

■ 4285500068

■ 4278211236

■ 4286616228

■ 4287666852

■ 4288717476

■ 4289833636

■ 4290884516

■ 4292000676

# Harmonies

## Analogous

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



4278220956



4282282404



4285425566

# Triad

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



4282282404



4288764501



4282612048

# Complementary

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



4282282404



4288966974

# 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.



4284773436



4282282404



4287980096

# Square

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



4282282404



4288632944



4286606390



4279073899

# Rectangle

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



4282282404



4286931090



4286606390



4283398216



# Sweetspot

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



4282282404



4289643222



4282295409



4283588459



4293651435



4285229931



# Same Dimension

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



4282282404



4281763542



4282269348



4282994258



4278208913



4278192402



# Inverse Universe

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



4288953969



4292228742



4288980030



4283582798



4287692873

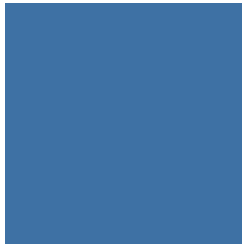


4279369737



# Previews

## White Background



This preview shows how the Android color 4282282404 looks on a white background.

## Color Contrast Check

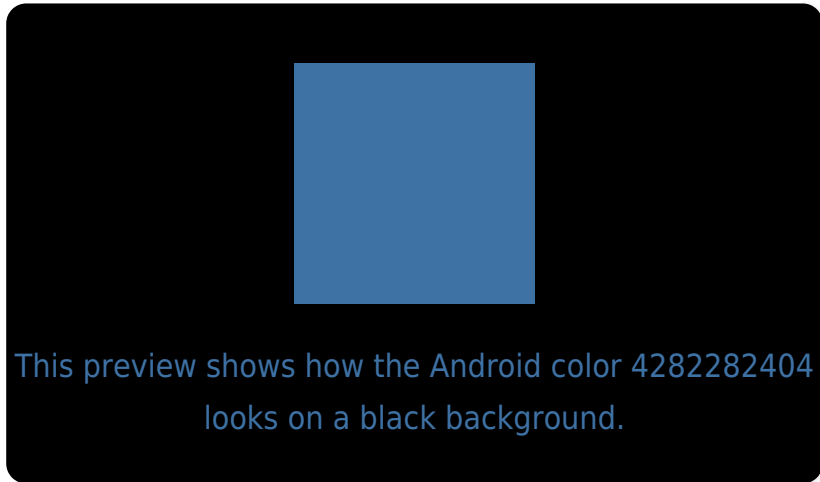
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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 4282282404 Background



This preview shows how black text looks on a background with the Android color 4282282404.



This preview shows how white text looks on a background with the Android color 4282282404.

# 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





# Trichromacy



**Original Color**

4282282404

**Protanomaly**

4283526817

**Deuteranomaly**

4283133605

**Tritanomaly**

4281562510

# Monochromacy



**Original Color**

4282282404

**Achromatopsia**

4285032552

**Achromatomaly**

4284050302

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282282404 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(62, 113, 164)` looks like.

```
.text, #text, p{  
    color:rgb(62, 113, 164)  
}
```

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(62, 113, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 113, 164) }
```

## Border

The CSS property to change the border of an element to Android 4282282404 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(62, 113, 164) }
```

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

```
.border{ border-color:rgb(62, 113, 164) }
```

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

Here you see how a box with a 4 pixel rgb(62, 113, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 113, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 113, 164);  
box-shadow:4px 4px 4px 4px rgb(62, 113,  
164) }
```

# Background

The CSS property to change the background color of an element to Android 4282282404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 113, 164) }
```

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

```
.background{ background-color: rgb(62, 113,  
164) }
```

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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