

# Converting Colors

Android(4282479025)

Have a look what the booklet for  
Android(4282479025) contains.

<b>Android(4282479025)</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(4282479025)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4171B1
RGB	65, 113, 177
RGB Percent	25%, 44%, 69%
CMY	0.7451, 0.5569, 0.3059
CMYK	0.63, 0.36, 0.00, 0.31
HSL	214°, 46%, 47%
HSV	214°, 63%, 69%
XYZ	16.0209, 16.1084, 43.8598
YIQ	105.9440, -49.1520, 9.7280

# Conversions

## Conversions Part 2

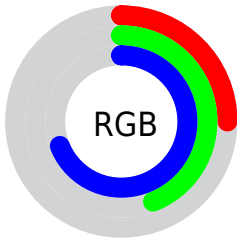
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	65, 99, 177
Decimal	4288945
CIE <sub>Lab</sub>	47.12, 4.14, -38.88
CIE <sub>LCh</sub>	47, 39.105, 276.083
Yxy	16.1084, 0.2108, 0.2120
Android (android.graphics.Color)	4282479025 (0xFF4171B1)
YUV	105.9440, 35.0306, -35.9079
Hunter-Lab	40.1353, 1.0157, -36.6974

# Details

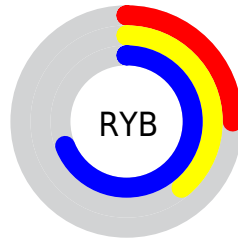
The Android color `4282479025` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289823041`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4286293225`, and `4278207100` is the 20% darker color. If you saturate the color by 10%, you get `4281296817`, and if you desaturate by 10%, it is `4283661233`.

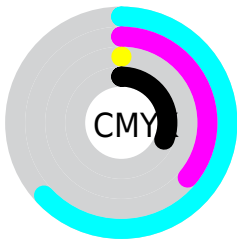
# Distribution



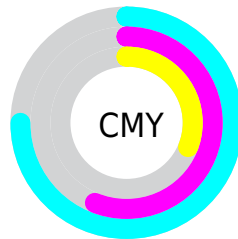
- Red (25%)
- Green (44%)
- Blue (69%)



- Red (25%)
- Yellow (39%)
- Blue (69%)



- Cyan (63%)
- Magenta (36%)
- Yellow (0%)
- Black (31%)



- Cyan (75%)
- Magenta (56%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282479025 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 4282479025 by changing the saturation by 10% instead.





4282479025



4282479025

4294967295



4280244630



4286293225



4278207100



4288135167



4278201443



4290042879



4278196298



4291950847



4278191155



4293853183



4278190621



4278190080



4282479025



4282479025



4281296817



4283661233

■ 4280180145

■ 4284777905

■ 4278997937

■ 4285960113

■ 4278209713

■ 4287142321

■ 4288324785

■ 4289441457

■ 4290623665

■ 4291805873

■ 4292922545

# Harmonies

## Analogous

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



4278221483



4282479025



4286276773

# Triad

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



4282479025



4289354059



4280974932

# Complementary

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



4282479025



4289823041

# 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.



4284119352



4282479025



4288177203

# Square

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



4282479025



4289549162



4286345259



4278222966

# Rectangle

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



4282479025



4287913109



4286345259



4282219850



# Sweetspot

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



4282479025



4290432486



4282495360



4283982963



4294111986



4285756275



# Same Dimension

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



4282479025



4281828070



4282925489



4283454553



4278207129



4278192922



# Inverse Universe

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



4289806705



4293277570



4289376577



4284043348



4288217154



4279894027



# Previews

## White Background



This preview shows how the Android color 4282479025 looks on a white background.

## Color Contrast Check

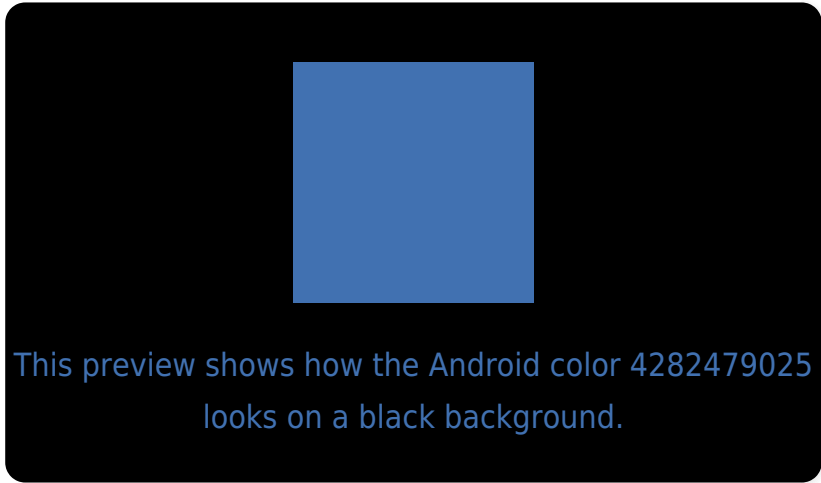
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282479025 Background



This preview shows how black text looks on a background with the Android color 4282479025.



This preview shows how white text looks on a background with the Android color 4282479025.

# 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**

4282479025

**Protanopia**

4283919790

**Deuteranopia**

4283068337



# Trichromacy



**Original Color**  
4282479025

**Protanomaly**  
4283395759

**Deuteranomaly**  
4282871985

**Tritanomaly**  
4281497492

# Monochromacy



**Original Color**  
4282479025

**Achromatopsia**  
4285164138

**Achromatomaly**  
4284181892

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282479025 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(65, 113, 177)` looks like.

```
.text, #text, p{  
    color:rgb(65, 113, 177)  
}
```

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(65, 113, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 113, 177) }
```

## Border

The CSS property to change the border of an element to Android 4282479025 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(65, 113, 177) }
```

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

```
.border{ border-color:rgb(65, 113, 177) }
```

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

Here you see how a box with a 4 pixel rgb(65, 113, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 113, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 113, 177);  
box-shadow:4px 4px 4px 4px rgb(65, 113,  
177) }
```

# Background

The CSS property to change the background color of an element to Android 4282479025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 113, 177) }
```

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

```
.background{ background-color: rgb(65, 113,  
177) }
```

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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