

# Converting Colors

Android(4282669945)

Have a look what the booklet for  
Android(4282669945) contains.

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# Color

**Android(4282669945)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	445B79
RGB	68, 91, 121
RGB Percent	27%, 36%, 47%
CMY	0.7333, 0.6431, 0.5255
CMYK	0.44, 0.25, 0.00, 0.53
HSL	214°, 28%, 37%
HSV	214°, 44%, 47%
XYZ	9.5762, 10.0916, 19.5323
YIQ	87.5430, -23.3380, 4.4540

# Conversions

## Conversions Part 2

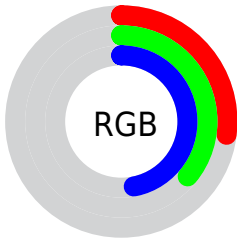
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	68, 84, 121
Decimal	4479865
CIE <sub>Lab</sub>	38.01, -0.13, -19.68
CIE <sub>LCh</sub>	38, 19.682, 269.633
Yxy	10.0916, 0.2443, 0.2574
Android (android.graphics.Color)	4282669945 (0xFF445B79)
<b>YUV</b>	87.5430, 16.4943, -17.1392
Hunter-Lab	31.7673, -1.7843, -14.2178

# Details

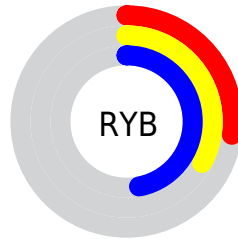
The Android color `4282669945` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4286145092`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4286025133`, and `4279381576` is the 20% darker color. If you saturate the color by 10%, you get `4281881721`, and if you desaturate by 10%, it is `4283458169`.

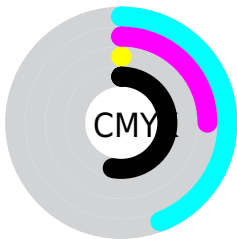
# Distribution



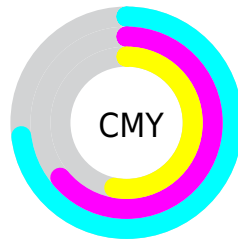
- Red (27%)
- Green (36%)
- Blue (47%)



- Red (27%)
- Yellow (33%)
- Blue (47%)



- Cyan (44%)
- Magenta (25%)
- Yellow (0%)
- Black (53%)



- Cyan (73%)
- Magenta (64%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282669945 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 4282669945 by changing the saturation by 10% instead.





4282669945



4282669945

4294967295



4281091168



4286025133



4279381576



4287735753



4278196530



4289512165



4278190621



4291354367



4278190080



4293196799



4282669945



4282669945



4281881721



4283458169



4281093497



4284246393

■ 4280305273

■ 4285034617

■ 4279517305

■ 4285822585

■ 4278729081

■ 4286610809

■ 4278203769

■ 4287464569

■ 4288252793

■ 4289041017

■ 4289829241

# Harmonies

## Analogous

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



4281229172



4282669945



4284175733

# Triad

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



4282669945



4286140235



4282474825

# Complementary

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



4282669945



4286145092

# 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.



4283718973



4282669945



4285682495

# Square

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



4282669945



4286074458



4284831802



4281295449

# Rectangle

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



4282669945



4285026926



4284831802



4282933316



# Sweetspot

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



4282669945



4287271582



4282677601



4282533967



4291809231



4283387727



# Same Dimension

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



4282669945



4283068318



4282860665



4281809469



4278204029



4278218492



# Inverse Universe

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



4286137435



4288563823



4285954372



4282201914



4286382134

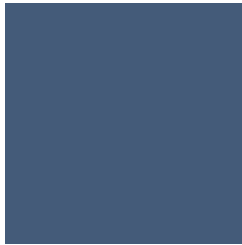


4294705262



# Previews

## White Background



This preview shows how the Android color 4282669945 looks on a white background.

## Color Contrast Check

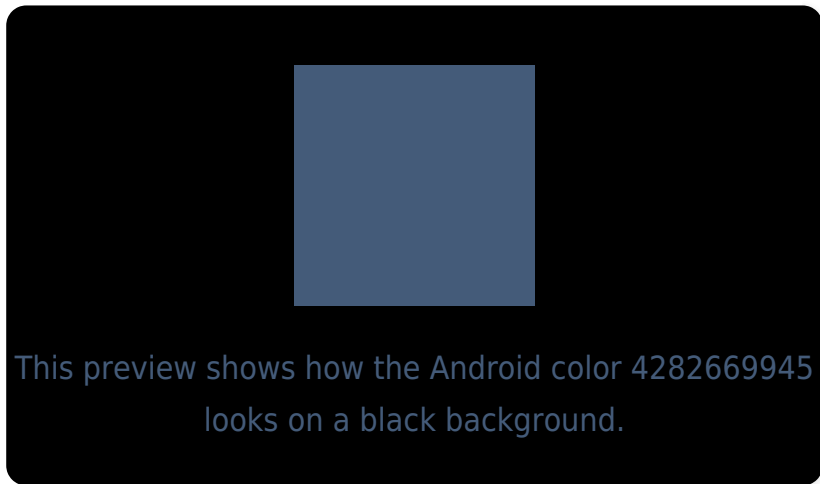
Large Text (above 18pt) WCAG AA ✓ Pass

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

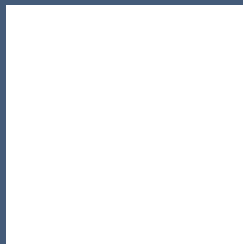
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282669945 Background



This preview shows how black text looks on a background with the Android color 4282669945.

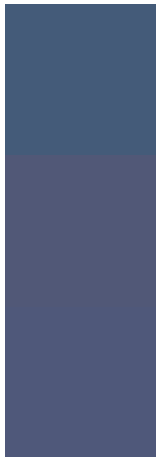


This preview shows how white text looks on a background with the Android color 4282669945.

# 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



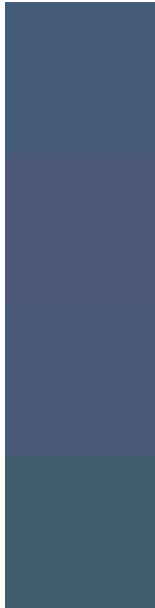
**Original Color**  
4282669945

**Protanopia**  
4283521143

**Deuteranopia**  
4283390074



# Trichromacy



**Original Color**  
4282669945

**Protanomaly**  
4283193720

**Deuteranomaly**  
4283128186

**Tritanomaly**  
4282473837

# Monochromacy



**Original Color**  
4282669945

**Achromatopsia**  
4283979864

**Achromatomaly**  
4283521380

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282669945 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(68, 91, 121)` looks like.

```
.text, #text, p{  
    color:rgb(68, 91, 121)  
}
```

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(68, 91, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 91, 121) }
```

## Border

The CSS property to change the border of an element to Android 4282669945 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(68, 91, 121) }
```

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

```
.border{ border-color:rgb(68, 91, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 91, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 91, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 91, 121);  
box-shadow:4px 4px 4px 4px rgb(68, 91,  
121) }
```

# Background

The CSS property to change the background color of an element to Android 4282669945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 91, 121) }
```

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

```
.background{ background-color: rgb(68, 91,  
121) }
```

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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