

# Converting Colors

Android(4280564578)

Have a look what the booklet for  
Android(4280564578) contains.

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# Color

**Android(4280564578)**

# Conversions

## Conversions Part 1

Format	Color
Hex	243B62
RGB	36, 59, 98
RGB Percent	14%, 23%, 38%
CMY	0.8588, 0.7686, 0.6157
CMYK	0.63, 0.40, 0.00, 0.62
HSL	218°, 46%, 26%
HSV	218°, 63%, 38%
XYZ	4.4961, 4.3848, 12.1647
YIQ	56.5690, -26.2270, 7.2530

# Conversions

## Conversions Part 2

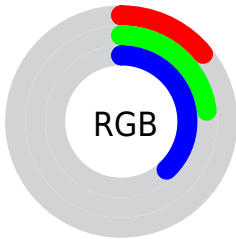
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 53, 98
Decimal	2374498
CIE <sub>Lab</sub>	24.90, 4.52, -25.80
CIE <sub>LCh</sub>	25, 26.192, 279.927
Yxy	4.3848, 0.2136, 0.2083
Android (android.graphics.Color)	4280564578 (0xFF243B62)
YUV	56.5690, 20.4255, -18.0390
Hunter-Lab	20.9400, 1.6815, -19.7853

# Details

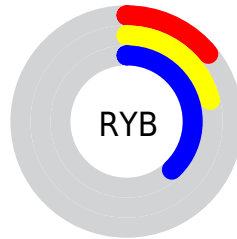
The Android color **4280564578** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284631844**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4283918997**, and **4278194483** is the 20% darker color. If you saturate the color by 10%, you get **4279907682**, and if you desaturate by 10%, it is **4281221474**.

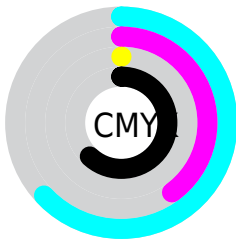
# Distribution



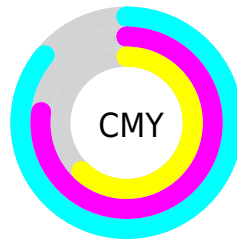
- Red (14%)
- Green (23%)
- Blue (38%)



- Red (14%)
- Yellow (21%)
- Blue (38%)



- Cyan (63%)
- Magenta (40%)
- Yellow (0%)
- Black (62%)



- Cyan (86%)
- Magenta (77%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280564578 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 4280564578 by changing the saturation by 10% instead.



■ 4280564578

■ 4280564578

4294967295

■ 4278593098

■ 4283918997

■ 4278194483

■ 4285629360

■ 4278190622

■ 4287339979

■ 4278190080

■ 4289116392

■ 4290958335

■ 4292800767

■ 4294705151

■ 4280564578

■ 4280564578

■ 4279907682

■ 4281221474

■ 4279250786

■ 4281878370

■ 4278659426

■ 4282469730

■ 4278199394

■ 4283126882

■ 4283783778

■ 4284440674

■ 4285097570

■ 4285688930

■ 4286345826

# Harmonies

## Analogous

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



4278206816



4280564578



4282725210

# Triad

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



4280564578



4284296739



4278797357

# Complementary

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



4280564578



4284631844

# 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.



4281024795



4280564578



4283512085

# Square

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



4280564578



4284492341



4282399762



4278207809

# Rectangle

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



4280564578



4283641423



4282399762



4279780134



# Sweetspot

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



4280564578



4284969088



4280574538



4281415488



4290756543



4282400832



# Same Dimension

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



4280564578



4280238976



4281017442



4281085232



4278200944



4278213104



# Inverse Universe

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



4284621883



4286586691



4284178980



4281347117



4285530154



4293918809



# Previews

## White Background



This preview shows how the Android color 4280564578 looks on a white background.

## Color Contrast Check

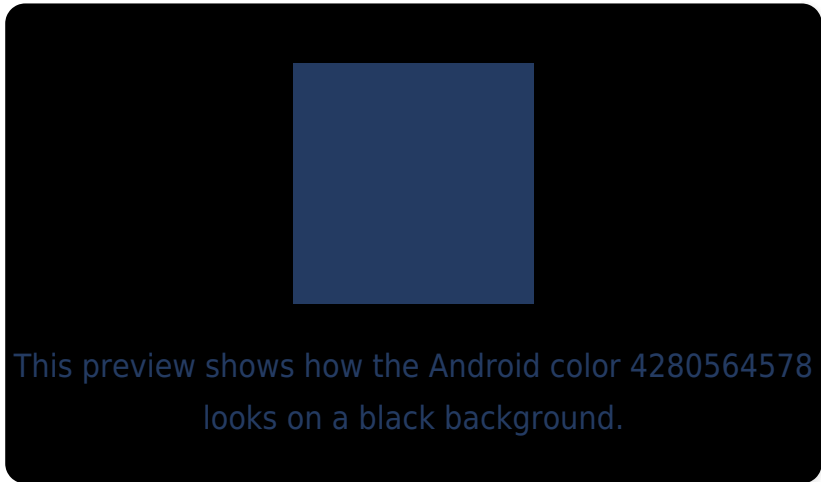
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280564578 Background



This preview shows how black text looks on a background with the Android color 4280564578.



This preview shows how white text looks on a background with the Android color 4280564578.

# 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**  
4280564578

**Protanopia**  
4281023073

**Deuteranopia**  
4280433506



# Trichromacy



**Original Color**

4280564578

**Protanomaly**

4280826465

**Deuteranomaly**

4280499042

**Tritanomaly**

4279910224

# Monochromacy



**Original Color**

4280564578

**Achromatopsia**

4281940281

**Achromatomaly**

4281416264

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280564578 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(36, 59, 98)` looks like.

```
.text, #text, p{  
    color:rgb(36, 59, 98)  
}
```

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(36, 59, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 59, 98) }
```

## Border

The CSS property to change the border of an element to Android 4280564578 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(36, 59, 98) }
```

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

```
.border{ border-color:rgb(36, 59, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 59, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 59, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 59, 98);  
box-shadow:4px 4px 4px 4px rgb(36, 59, 98)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280564578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 59, 98) }
```

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

```
.background{ background-color: rgb(36, 59,  
98) }
```

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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