

# Converting Colors

Android(4280442778)

Have a look what the booklet for  
Android(4280442778) contains.

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# Color

**Android(4280442778)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	225F9A
RGB	34, 95, 154
RGB Percent	13%, 37%, 60%
CMY	0.8667, 0.6275, 0.3961
CMYK	0.78, 0.38, 0.00, 0.40
HSL	210°, 64%, 37%
HSV	210°, 78%, 60%
XYZ	10.5846, 10.8576, 32.1097
YIQ	83.4870, -55.2950, 5.4170

# Conversions

## Conversions Part 2

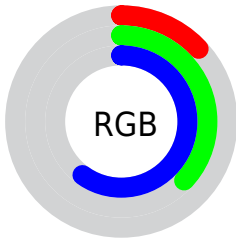
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 74, 154
Decimal	2252698
CIE <sub>Lab</sub>	39.34, 2.02, -37.71
CIE <sub>LCh</sub>	39, 37.765, 273.071
Yxy	10.8576, 0.1977, 0.2027
Android (android.graphics.Color)	4280442778 (0xFF225F9A)
<b>YUV</b>	83.4870, 34.7629, -43.4001
Hunter-Lab	32.9509, -0.3254, -34.7109

# Details

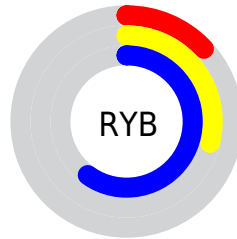
The Android color `4280442778` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288306466`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4284584401`, and `4278202982` is the 20% darker color. If you saturate the color by 10%, you get `4279457690`, and if you desaturate by 10%, it is `4281427866`.

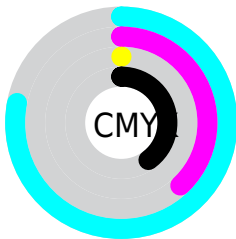
# Distribution



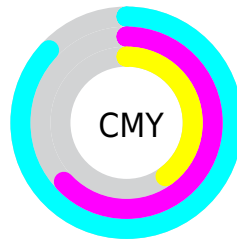
- Red (13%)
- Green (37%)
- Blue (60%)



- Red (13%)
- Yellow (29%)
- Blue (60%)



- Cyan (78%)
- Magenta (38%)
- Yellow (0%)
- Black (40%)



- Cyan (87%)
- Magenta (63%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280442778 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 4280442778 by changing the saturation by 10% instead.





4280442778



4280442778

4294967295



4278208640



4284584401



4278202982



4286426093



4278197582



4288333823



4278191415



4290175999



4278190625



4292149247



4278190085



4294049791



4278190080



4280442778



4280442778



4279457690



4281427866

■ 4278407322

■ 4282478234

■ 4278210202

■ 4283463322

■ 4284513690

■ 4285498778

■ 4286483610

■ 4287534234

■ 4288519322

■ 4289569690

# Harmonies

## Analogous

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



4278216595



4280442778



4284634000

# Triad

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



4280442778



4287841853



4280117824

# Complementary

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



4280442778



4288306466

# 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.



4283131174



4280442778



4286796069

# Square

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



4280442778



4287906139



4285226011



4278217823

# Rectangle

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



4280442778



4286270338



4285226011



4281362486



# Sweetspot

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



4280442778



4288394185



4280457820



4282996838



4293322470



4284900966



# Same Dimension

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



4280442778



4279004361



4280427674



4282730829



4278208396



4278191629



# Inverse Universe

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



4288291423



4291365996



4288321570



4283254089



4287365191



4279042054



# Previews

## White Background



This preview shows how the Android color 4280442778 looks on a white background.

## Color Contrast Check

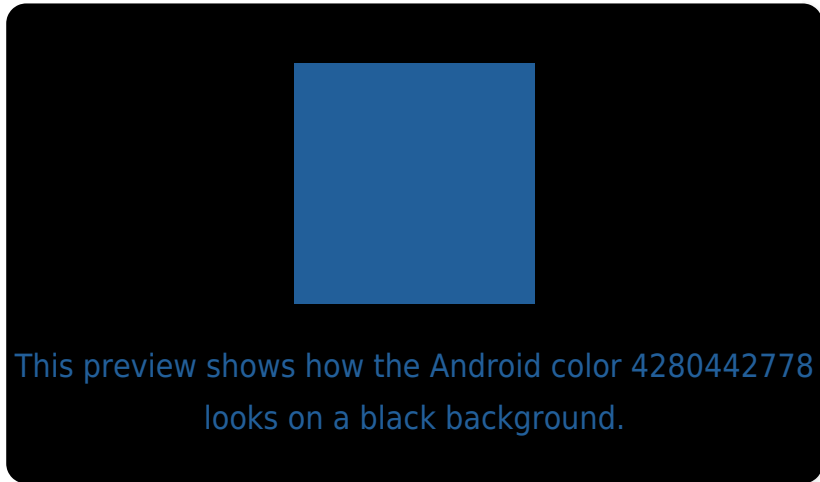
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280442778 Background



This preview shows how black text looks on a background with the Android color 4280442778.



This preview shows how white text looks on a background with the Android color 4280442778.

# 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**

4280442778

**Protanopia**

4282735254

**Deuteranopia**

4281490842



# Trichromacy



**Original Color**  
4280442778

**Protanomaly**  
4281883799

**Deuteranomaly**  
4281097882

**Tritanomaly**  
4279002238

# Monochromacy



**Original Color**  
4280442778

**Achromatopsia**  
4283650899

**Achromatomaly**  
4282472301

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280442778 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(34, 95, 154)` looks like.

```
.text, #text, p{  
    color:rgb(34, 95, 154)  
}
```

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(34, 95, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 95, 154) }
```

## Border

The CSS property to change the border of an element to Android 4280442778 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(34, 95, 154) }
```

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

```
.border{ border-color:rgb(34, 95, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 95, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 95, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 95, 154);  
box-shadow:4px 4px 4px 4px rgb(34, 95,  
154) }
```

# Background

The CSS property to change the background color of an element to Android 4280442778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 95, 154) }
```

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

```
.background{ background-color: rgb(34, 95,  
154) }
```

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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