

Converting Colors

Android(4280558711)

Have a look what the booklet for
Android(4280558711) contains.

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Color

Android(4280558711)

Conversions

Conversions Part 1	
Format	Color
Hex	242477
RGB	36, 36, 119
RGB Percent	14%, 14%, 47%
CMY	0.8588, 0.8588, 0.5333
CMYK	0.70, 0.70, 0.00, 0.53
HSL	240°, 54%, 30%
HSV	240°, 70%, 47%
XYZ	4.6882, 2.9687, 17.7787
YIQ	45.4620, -26.6430, 25.8130

Conversions

Conversions Part 2

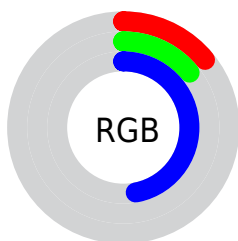
Format	Color
RYB	36, 36, 119
Decimal	2368631
CIELab	19.92, 28.55, -47.39
CIELCh	20, 55.322, 301.068
Yxy	2.9687, 0.1843, 0.1167
Android (android.graphics.Color)	4280558711 (0xFF242477)
YUV	45.4620, 36.2542, -8.2982
Hunter-Lab	17.2300, 18.4165, -49.1171

Details

The Android color **4280558711** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4286019364**, and the grayscale version is **4281150765**.

A 20% lighter version of the original color is **4284305836**, and **4278190150** is the 20% darker color. If you saturate the color by 10%, you get **4279769207**, and if you desaturate by 10%, it is **4281348215**.

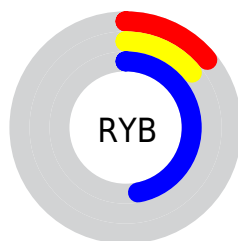
Distribution



Red (14%)

Green (14%)

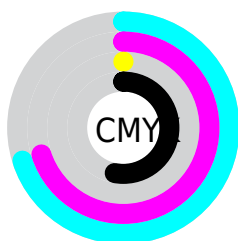
Blue (47%)



Red (14%)

Yellow (14%)

Blue (47%)

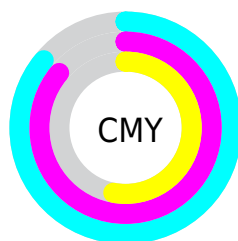


Cyan (70%)

Magenta (70%)

Yellow (0%)

Black (53%)



Cyan (86%)

Magenta (86%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280558711 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 4280558711 by changing the saturation by 10% instead.

 4280558711

 4280558711

4294967295

 4278194270

 4284305836

 4278190150

 4286081480

 4278191150

 4287923172

 4278190361

 4289764863

 4278190080

 4291606783

 4293514495


 4294963455

 4280558711

 4280558711

 4279769207

 4281348215

 4278979703

 4282137719

 4278190199

 4282927223

 4283716727

 4284506231

 4285229943

 4286019447

 4286808951

 4287598455

Harmonies

Analogous

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



4278204035



4280558711



4284416088

Triad

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



4280558711



4284095488



4278206257

Complementary

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



4280558711



4286019364

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.



4278205696



4280558711



4282068736

Square

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



4280558711



4285399046



4279056640



4278206553

Rectangle

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



4280558711



4285399102



4279056640



4278206242

Sweetspot

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



4280558711



4286282652



4280579959



4282071887



4291809231



4283387727

Same Dimension

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



4280558711



4279835036



4283311223



4281677115



4278190202



4278190330

Inverse Universe

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



4285998199



4288420252



4283332388



4282070331



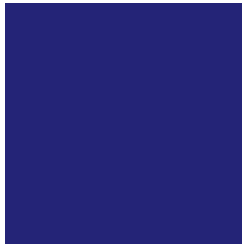
4286185594



4294574330

Previews

White Background



This preview shows how the Android color 4280558711 looks on a white background.

Color Contrast Check

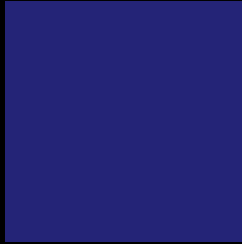
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Android color 4280558711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

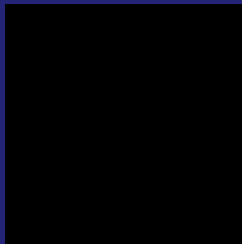
Any Text WCAG AA × Fail

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 4280558711 Background



This preview shows how black text looks on a background with the Android color 4280558711.



This preview shows how white text looks on a background with the Android color 4280558711.

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

4280558711




Protanopia

4278202211

Deuteranopia

4278202964

Trichromacy

	Original Color 4280558711
	Protanomaly 4279053162
	Deuteranomaly 4279053665
	Tritanomaly 4279054160

Monochromacy

	Original Color 4280558711
	Achromatopsia 4281150765
	Achromatomaly 4280953416

CSS Examples

Text

The CSS property to change the color of the text to Android 4280558711 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, 36, 119)` looks like.

```
.text, #text, p{  
    color:rgb(36, 36, 119)  
}
```

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, 36, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 36, 119) }
```

Border

The CSS property to change the border of an element to Android 4280558711 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, 36, 119) }
```

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

```
.border{ border-color:rgb(36, 36, 119) }
```

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

Here you see how a box with a 4 pixel rgb(36, 36, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 36, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 36, 119);  
box-shadow:4px 4px 4px 4px rgb(36, 36,  
119) }
```

Background

The CSS property to change the background color of an element to Android 4280558711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(36, 36, 119) }
```

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

```
.background{ background-color:rgb(36, 36,  
119) }
```

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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