

Converting Colors

Android(4280696704)

Have a look what the booklet for
Android(4280696704) contains.

Android(4280696704)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280696704)

Conversions

Conversions Part 1

Format	Color
Hex	263F80
RGB	38, 63, 128
RGB Percent	15%, 25%, 50%
CMY	0.8510, 0.7529, 0.4980
CMYK	0.70, 0.51, 0.00, 0.50
HSL	223°, 54%, 33%
HSV	223°, 70%, 50%
XYZ	6.4731, 5.5256, 21.1475
YIQ	62.9350, -35.7650, 14.9150

Conversions

Conversions Part 2

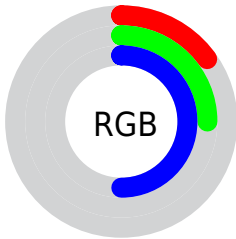
Format	Color
R_{YB}	38, 58, 128
Decimal	2506624
CIE _{Lab}	28.18, 13.74, -39.65
CIE _{LCh}	28, 41.961, 289.121
Yxy	5.5256, 0.1953, 0.1667
Android (android.graphics.Color)	4280696704 (0xFF263F80)
YUV	62.9350, 32.0770, -21.8680
Hunter-Lab	23.5066, 8.0178, -36.8850

Details

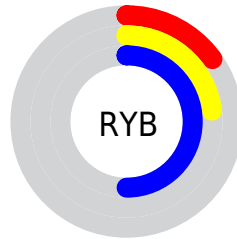
The Android color **4280696704** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4286605094**, and the grayscale version is **4282335039**.

A 20% lighter version of the original color is **4284378805**, and **4278195790** is the 20% darker color. If you saturate the color by 10%, you get **4279842432**, and if you desaturate by 10%, it is **4281550976**.

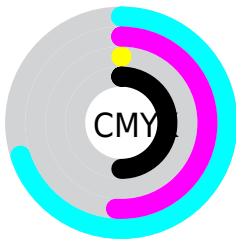
Distribution



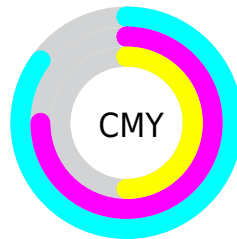
- Red (15%)
- Green (25%)
- Blue (50%)



- Red (15%)
- Yellow (23%)
- Blue (50%)



- Cyan (70%)
- Magenta (51%)
- Yellow (0%)
- Black (50%)



- Cyan (85%)
- Magenta (75%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280696704 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 4280696704 by changing the saturation by 10% instead.

■ 4280696704

■ 4280696704

4294967295

■ 4278200679

■ 4284378805

■ 4278195790

■ 4286154705

■ 4278190135

■ 4287996654

■ 4278190624

■ 4289838591

■ 4278190085

■ 4291680511

■ 4278190080

■ 4293588479

■ 4280696704

■ 4280696704

■ 4279842432

■ 4281550976

■ 4278988160

■ 4282405248

■ 4278199424

■ 4283194240

■ 4284048512

■ 4284902784

■ 4285757056

■ 4286611584

■ 4287400320

■ 4288254592

Harmonies

Analogous

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



4278209154



4280696704



4284297325

Triad

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



4280696704



4285607697



4278210613

Complementary

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



4280696704



4286605094

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.



4279323924



4280696704



4284169472

Square

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



4280696704



4286259503



4282271488



4278210903

Rectangle

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



4280696704



4285539674



4282271488



4278210602

Sweetspot

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



4280696704



4286811558



4280713319



4282336596



4292138196



4283716692

Same Dimension

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



4280696704



4279976358



4282001024



4281940800



4278199168



4278190080

Inverse Universe

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



4286588479



4289076033



4285300774



4282399035



4286578723



4278190080

Previews

White Background



This preview shows how the Android color 4280696704 looks on a white background.

Color Contrast Check

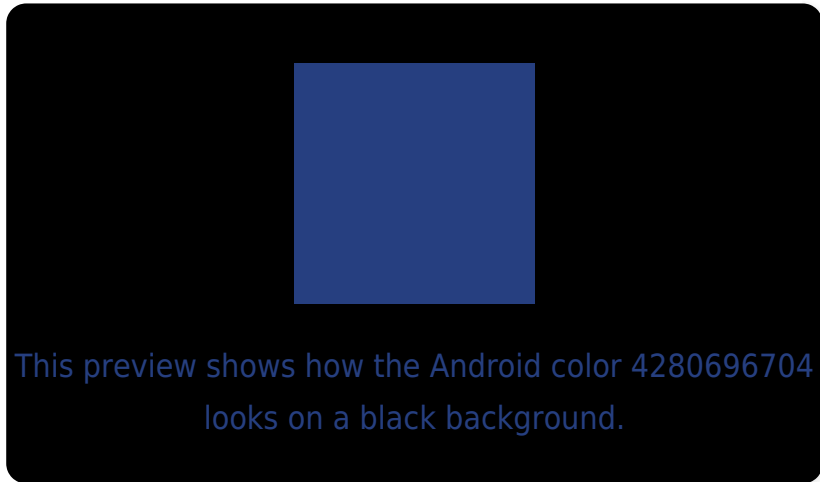
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280696704 Background



This preview shows how black text looks on a background with the Android color 4280696704.



This preview shows how white text looks on a background with the Android color 4280696704.

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

4280696704

Protanopia

4279976065

Deuteranopia

4278207607

Trichromacy



Original Color

4280696704

Protanomaly

4280238209

Deuteranomaly

4279124602

Tritanomaly

4279125601

Monochromacy



Original Color

4280696704

Achromatopsia

4282335039

Achromatomaly

4281745239

CSS Examples

Text

The CSS property to change the color of the text to Android 4280696704 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(38, 63, 128)` looks like.

```
.text, #text, p{  
    color:rgb(38, 63, 128)  
}
```

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(38, 63, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 63, 128) }
```

Border

The CSS property to change the border of an element to Android 4280696704 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(38, 63, 128) }
```

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

```
.border{ border-color:rgb(38, 63, 128) }
```

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

Here you see how a box with a 4 pixel rgb(38, 63, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 63, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 63, 128);  
box-shadow:4px 4px 4px 4px rgb(38, 63,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4280696704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 63, 128) }
```

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

```
.background{ background-color: rgb(38, 63,  
128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor