

Converting Colors

Android(4280896364)

Have a look what the booklet for
Android(4280896364) contains.

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Color

Android(4280896364)

Conversions

Conversions Part 1

Format	Color
Hex	294B6C
RGB	41, 75, 108
RGB Percent	16%, 29%, 42%
CMY	0.8392, 0.7059, 0.5765
CMYK	0.62, 0.31, 0.00, 0.58
HSL	210°, 45%, 29%
HSV	210°, 62%, 42%
XYZ	6.1373, 6.5863, 15.1352
YIQ	68.5960, -30.8570, 3.0550

Conversions

Conversions Part 2

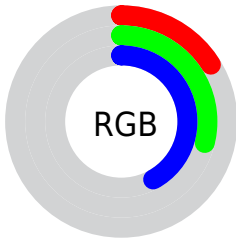
Format	Color
R_{YB}	41, 64, 108
Decimal	2706284
CIE _{Lab}	30.85, -1.33, -22.83
CIE _{LCh}	31, 22.873, 266.670
Yxy	6.5863, 0.2203, 0.2364
Android (android.graphics.Color)	4280896364 (0xFF294B6C)
YUV	68.5960, 19.4262, -24.2017
Hunter-Lab	25.6637, -2.2246, -17.0016




Details

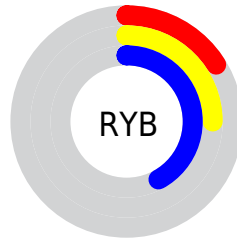
The Android color `4280896364` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4285286953`, and the grayscale version is `4282664004`.




A 20% lighter version of the original color is `4284316832`, and `4278198332` is the 20% darker color. If you saturate the color by 10%, you get `4280174188`, and if you desaturate by 10%, it is `4281618540`.

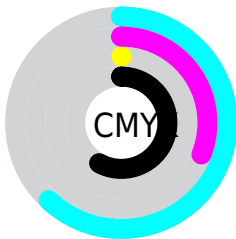
Distribution







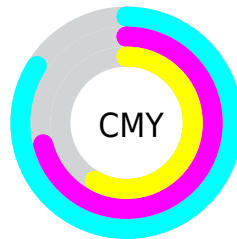
-  Red (16%)
-  Green (29%)
-  Blue (42%)






-  Red (16%)
-  Yellow (25%)
-  Blue (42%)



-  Cyan (62%)
-  Magenta (31%)
-  Yellow (0%)
-  Black (58%)



-  Cyan (84%)
-  Magenta (71%)
-  Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280896364 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 4280896364 by changing the saturation by 10% instead.

■ 4280896364

■ 4280896364

4294967295

■ 4278924628

■ 4284316832

■ 4278198332

■ 4286027195

■ 4278191911

■ 4287738070

■ 4278190352

■ 4289580019

■ 4278190080

■ 4291422207

■ 4293263359

■ 4280896364

■ 4280896364

■ 4280174188

■ 4281618540

■ 4279451756

■ 4282340972

■ 4278795116

■ 4282997612

■ 4278204268

■ 4283719788

■ 4284442220

■ 4285164396

■ 4285886572

■ 4286543468

■ 4287265644

Harmonies

Analogous

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



4278210406



4280896364



4282860904

Triad

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



4280896364



4285217850



4281225268

Complementary

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



4280896364



4285286953

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.



4282666024



4280896364



4284694827

Square

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



4280896364



4285086539



4283844389



4279390790

Rectangle

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



4280896364



4283908193



4283844389



4281749295

Sweetspot

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



4280896364



4285693836



4280904777



4281810759



4291282887



4282861383

Same Dimension

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



4280896364



4280572300



4280887916



4281348918



4278205557



4278222069

Inverse Universe

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



4285278539



4287374425



4285295401



4281741363



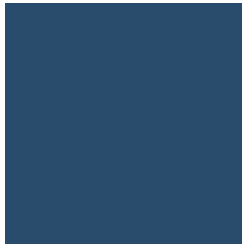
4285857852



4294246524

Previews

White Background



This preview shows how the Android color 4280896364 looks on a white background.

Color Contrast Check

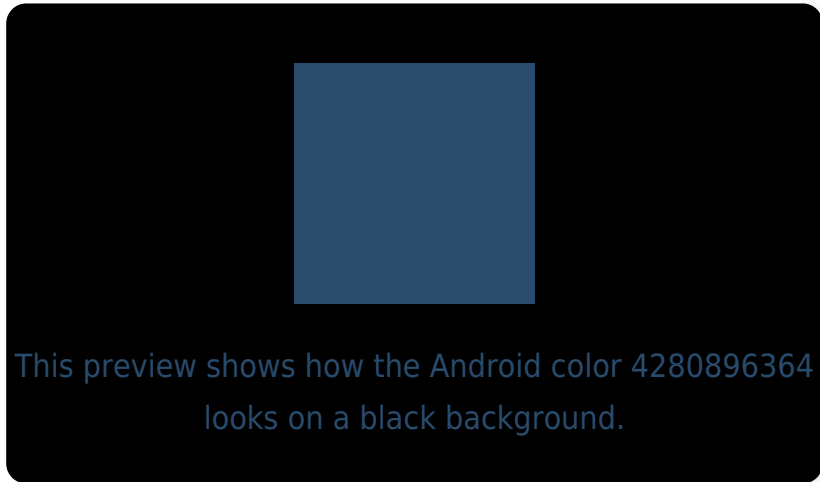
Large Text (above 18pt) WCAG AA ✓ Pass

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

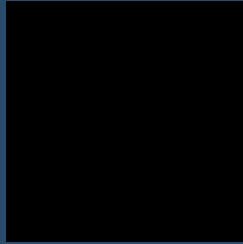
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

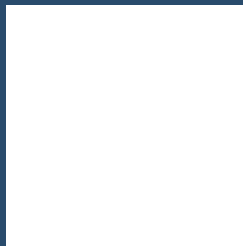
Any Text WCAG AAA × Fail

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

Android 4280896364 Background



This preview shows how black text looks on a background with the Android color 4280896364.

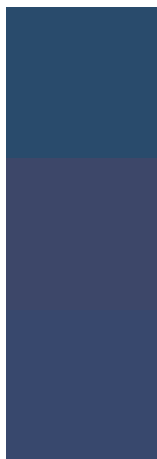


This preview shows how white text looks on a background with the Android color 4280896364.

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

4280896364

Protanopia

4282206057

Deuteranopia

4281878637

Trichromacy



Original Color

4280896364

Protanomaly

4281747562

Deuteranomaly

4281551213

Tritanomaly

4280438366

Monochromacy



Original Color

4280896364

Achromatopsia

4282729797

Achromatomaly

4282074963

CSS Examples

Text

The CSS property to change the color of the text to Android 4280896364 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(41, 75, 108)` looks like.

```
.text, #text, p{  
    color:rgb(41, 75, 108)  
}
```

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(41, 75, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 75, 108) }
```

Border

The CSS property to change the border of an element to Android 4280896364 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(41, 75, 108) }
```

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

```
.border{ border-color:rgb(41, 75, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 75, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 75, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 75, 108);  
box-shadow:4px 4px 4px 4px rgb(41, 75,  
108) }
```

Background

The CSS property to change the background color of an element to Android 4280896364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 75, 108) }
```

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

```
.background{ background-color: rgb(41, 75,  
108) }
```

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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