

Converting Colors

Android(4281296752)

Have a look what the booklet for
Android(4281296752) contains.

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Color

Android(4281296752)

Conversions

Conversions Part 1

Format	Color
Hex	2F6770
RGB	47, 103, 112
RGB Percent	18%, 40%, 44%
CMY	0.8157, 0.5961, 0.5608
CMYK	0.58, 0.08, 0.00, 0.56
HSL	188°, 41%, 31%
HSV	188°, 58%, 44%
XYZ	8.9472, 11.4747, 17.0725
YIQ	87.2820, -36.2650, -9.0730

Conversions

Conversions Part 2

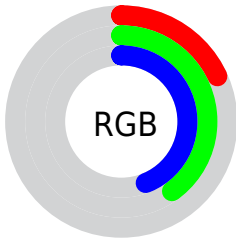
Format	Color
RYB	47, 77, 112
Decimal	3106672
CIELab	40.37, -15.52, -10.66
CIElCh	40, 18.827, 214.485
Yxy	11.4747, 0.2386, 0.3060
Android (android.graphics.Color)	4281296752 (0xFF2F6770)
YUV	87.2820, 12.1860, -35.3273
Hunter-Lab	33.8743, -12.1331, -6.1699




Details

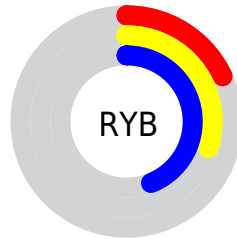
The Android color `4281296752` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285544495`, and the grayscale version is `4283914071`.




A 20% lighter version of the original color is `4284717732`, and `4278204480` is the 20% darker color. If you saturate the color by 10%, you get `4280575344`, and if you desaturate by 10%, it is `4282018160`.

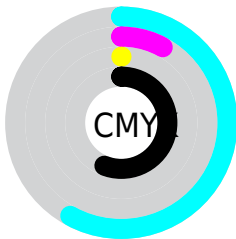
Distribution







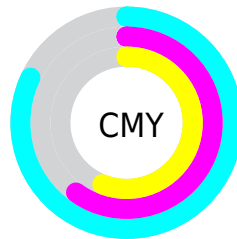
-  Red (18%)
-  Green (40%)
-  Blue (44%)






-  Red (18%)
-  Yellow (30%)
-  Blue (44%)



-  Cyan (58%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (82%)
-  Magenta (60%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281296752 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 4281296752 by changing the saturation by 10% instead.



4281296752



4281296752

4294967295



4279324504



4284717732



4278204480



4286494143



4278198826



4288270811



4278191126



4290113015



4278190080



4291952639



4293853183



4281296752



4281296752



4280575344



4282018160

■ 4279854192

■ 4282739312

■ 4279067248

■ 4283526256

■ 4278346096

■ 4284247408

■ 4278214768

■ 4284968816

■ 4285689968

■ 4286411376

■ 4287198064

■ 4287919472

Harmonies

Analogous

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



4281690209



4281296752



4282016890

Triad

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



4281296752



4285879917



4285030208

Complementary

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



4281296752



4285544495

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.



4285880900



4281296752



4286403677

Square

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



4281296752



4284766840



4286403918



4283917125

Rectangle

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



4281296752



4282868093



4286403918



4285357377

Sweetspot

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



4281296752



4286156433



4281299000



4282075210



4291414473



4283058762

Same Dimension

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



4281296752



4281107345



4281288560



4281481016



4278216568



4278244855

Inverse Universe

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



4285542247



4287704195



4285552687



4281872951



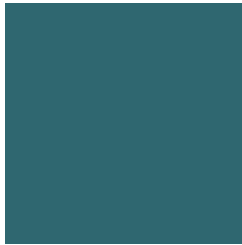
4286054503



4294377685

Previews

White Background



This preview shows how the Android color 4281296752 looks on a white background.

Color Contrast Check

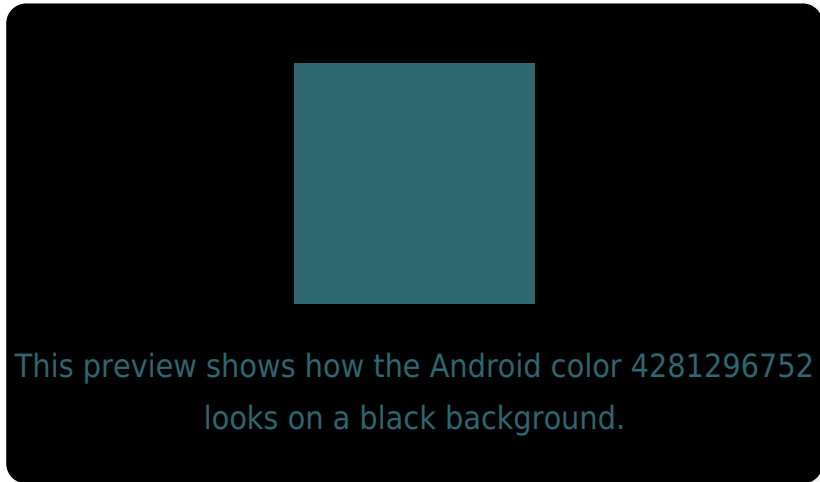
Large Text (above 18pt) WCAG AA ✓ Pass

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

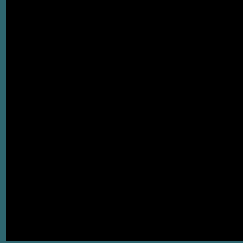
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

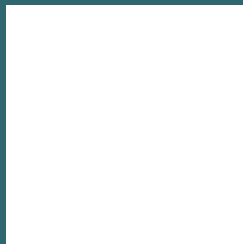
Any Text WCAG AAA × Fail

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

Android 4281296752 Background



This preview shows how black text looks on a background with the Android color 4281296752.



This preview shows how white text looks on a background with the Android color 4281296752.

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

4281296752

Protanopia

4284309098

Deuteranopia

4284374386

Trichromacy



Original Color

4281296752

Protanomaly

4283195756

Deuteranomaly

4283261297

Tritanomaly

4281296751

Monochromacy



Original Color

4281296752

Achromatopsia

4283914071

Achromatomaly

4282932576

CSS Examples

Text

The CSS property to change the color of the text to Android 4281296752 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(47, 103, 112)` looks like.

```
.text, #text, p{  
    color:rgb(47, 103, 112)  
}
```

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(47, 103, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 103, 112) }
```

Border

The CSS property to change the border of an element to Android 4281296752 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(47, 103, 112) }
```

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

```
.border{ border-color:rgb(47, 103, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 103, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 103, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 103, 112);  
box-shadow:4px 4px 4px 4px rgb(47, 103,  
112) }
```

Background

The CSS property to change the background color of an element to Android 4281296752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 103, 112) }
```

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

```
.background{ background-color: rgb(47, 103,  
112) }
```

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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