

Converting Colors

Android(4281363826)

Have a look what the booklet for
Android(4281363826) contains.

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Color

Android(4281363826)

Conversions

Conversions Part 1

Format	Color
Hex	306D72
RGB	48, 109, 114
RGB Percent	19%, 43%, 45%
CMY	0.8118, 0.5725, 0.5529
CMYK	0.58, 0.04, 0.00, 0.55
HSL	185°, 41%, 32%
HSV	185°, 58%, 45%
XYZ	9.7248, 12.7806, 17.8739
YIQ	91.3310, -37.9610, -11.3770

Conversions

Conversions Part 2

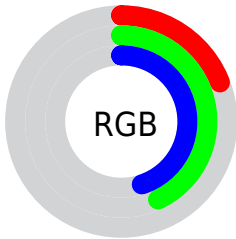
Format	Color
RYB	48, 80, 114
Decimal	3173746
CIELab	42.43, -18.00, -8.77
CIELCh	42, 20.020, 205.968
Yxy	12.7806, 0.2408, 0.3165
Android (android.graphics.Color)	4281363826 (0xFF306D72)
YUV	91.3310, 11.1758, -38.0013
Hunter-Lab	35.7499, -14.0061, -4.6184




Details

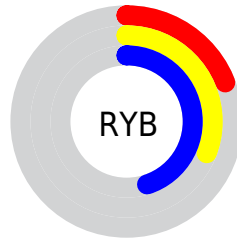
The Android color `4281363826` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285674800`, and the grayscale version is `4284177243`.




A 20% lighter version of the original color is `4284850598`, and `4278205762` is the 20% darker color. If you saturate the color by 10%, you get `4280642674`, and if you desaturate by 10%, it is `4282084978`.

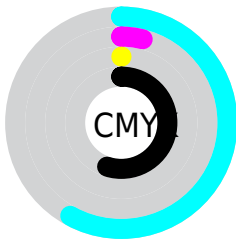
Distribution







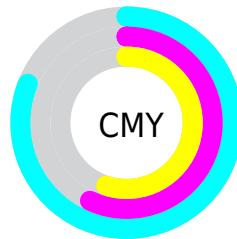
-  Red (19%)
-  Green (43%)
-  Blue (45%)






-  Red (19%)
-  Yellow (31%)
-  Blue (45%)



-  Cyan (58%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (81%)
-  Magenta (57%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281363826 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 4281363826 by changing the saturation by 10% instead.



4281363826



4281363826

4294967295



4279391578



4284850598



4278205762



4286627009



4278200108



4288403677



4278194456



4290245881



4278190080



4292083711



4293984255



4281363826



4281363826



4280642674



4282084978

■ 4279855986

■ 4282871666

■ 4279134834

■ 4283592818

■ 4278348402

■ 4284379250

■ 4278217074

■ 4285100402

■ 4285821554

■ 4286608242

■ 4287329394

■ 4288116082

Harmonies

Analogous

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



4282084705



4281363826



4281756543

Triad

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



4281363826



4286012279



4285686339

Complementary

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



4281363826



4285674800

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.



4286537033



4281363826



4286797927

Square

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



4281363826



4284768642



4286929239



4284573766

Rectangle

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



4281363826



4282673284



4286929239



4286013508

Sweetspot

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



4281363826



4286288532



4281365044



4282075466



4291414473



4283058762

Same Dimension

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



4281363826



4281240724



4281355634



4281481272



4278218616



4278248951

Inverse Universe

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



4285673581



4287901324



4285682992



4281872952



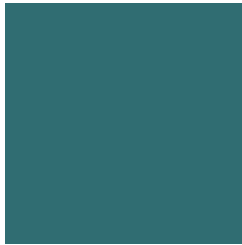
4286054511



4294377701

Previews

White Background



This preview shows how the Android color 4281363826 looks on a white background.

Color Contrast Check

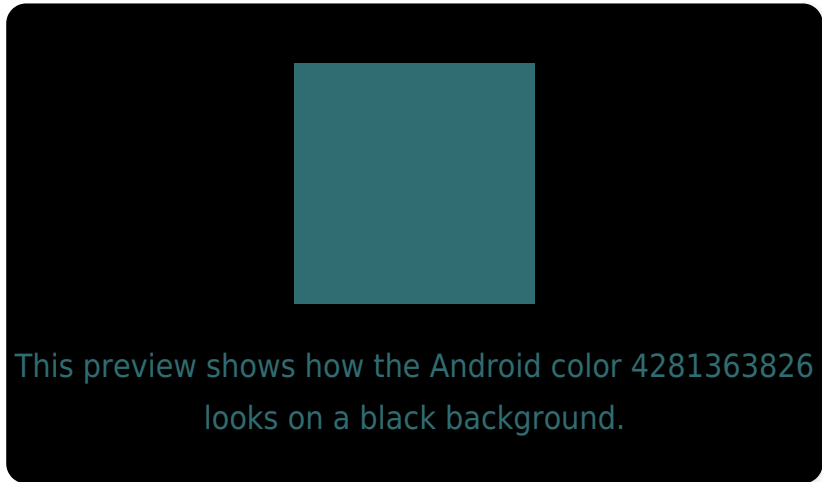
Large Text (above 18pt) WCAG AA ✓ Pass

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

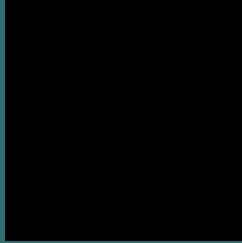
Any Text WCAG AA × Fail

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 4281363826 Background



This preview shows how black text looks on a background with the Android color 4281363826.



This preview shows how white text looks on a background with the Android color 4281363826.

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

4281363826

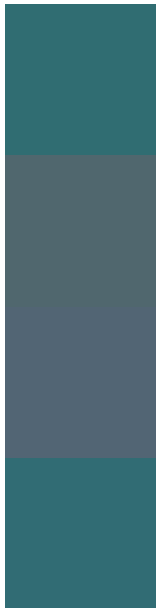
Protanopia

4284703596

Deuteranopia

4284834165

Trichromacy



Original Color
4281363826

Protanomaly
4283459438

Deuteranomaly
4283590004

Tritanomaly
4281429108

Monochromacy



Original Color
4281363826

Achromatopsia
4284177243

Achromatomaly
4283130467

CSS Examples

Text

The CSS property to change the color of the text to Android 4281363826 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(48, 109, 114)` looks like.

```
.text, #text, p{  
    color:rgb(48, 109, 114)  
}
```

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(48, 109, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 109, 114) }
```

Border

The CSS property to change the border of an element to Android 4281363826 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(48, 109, 114) }
```

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

```
.border{ border-color:rgb(48, 109, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 109, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 109, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 109, 114);  
box-shadow:4px 4px 4px 4px rgb(48, 109,  
114) }
```

Background

The CSS property to change the background color of an element to Android 4281363826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 109, 114) }
```

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

```
.background{ background-color: rgb(48, 109,  
114) }
```

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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