

Converting Colors

Android(4281362828)

Have a look what the booklet for
Android(4281362828) contains.

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Color

Android(4281362828)

Conversions

Conversions Part 1

Format	Color
Hex	30698C
RGB	48, 105, 140
RGB Percent	19%, 41%, 55%
CMY	0.8118, 0.5882, 0.4510
CMYK	0.66, 0.25, 0.00, 0.45
HSL	203°, 49%, 37%
HSV	203°, 66%, 55%
XYZ	11.0041, 12.6250, 26.6678
YIQ	91.9470, -45.2070, -1.1990

Conversions

Conversions Part 2

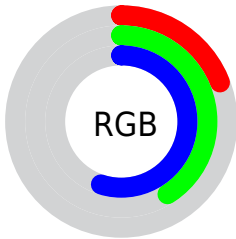
Format	Color
RYB	48, 83, 140
Decimal	3172748
CIELab	42.19, -7.14, -24.80
CIELCh	42, 25.808, 253.944
Yxy	12.6250, 0.2188, 0.2510
Android (android.graphics.Color)	4281362828 (0xFF30698C)
YUV	91.9470, 23.6901, -38.5415
Hunter-Lab	35.5316, -6.8991, -19.6272

Details

The Android color `4281362828` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287386416`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4285045954`, and `4278205018` is the 20% darker color. If you saturate the color by 10%, you get `4280444044`, and if you desaturate by 10%, it is `4282281612`.

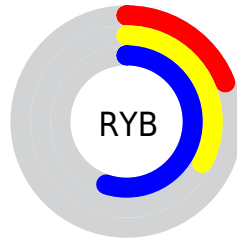
Distribution



 Red (19%)

 Green (41%)

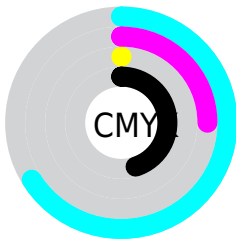
 Blue (55%)




 Red (19%)

 Yellow (33%)

 Blue (55%)

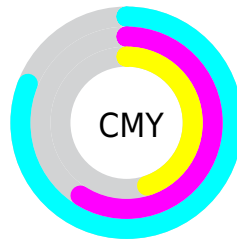


 Cyan (66%)


 Magenta (25%)

 Yellow (0%)

 Black (45%)



 Cyan (81%)


 Magenta (59%)


 Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281362828 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 4281362828 by changing the saturation by 10% instead.

 4281362828

 4281362828

4294967295

 4278931826

 4285045954

 4278205018

 4286822366

 4278199618

 4288664570

 4278194220


 4290506751

 4278190359

 4292411391

 4278190080

 4294311935

 4281362828

 4281362828

 4280444044

 4282281612

■ 4279525004

■ 4283200652

■ 4278606220

■ 4284119436

■ 4278212492

■ 4285038220

■ 4285957260

■ 4286876044

■ 4287794828

■ 4288713868

■ 4289632652

Harmonies

Analogous

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



4278742400



4281362828



4283785869

Triad

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



4281362828



4287451994



4283460420

Complementary

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



4281362828



4287386416

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.



4285031738



4281362828



4287190855

Square

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



4281362828



4286993520



4286275131



4281691735

Rectangle

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



4281362828



4285160839



4286275131



4283984192

Sweetspot

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



4281362828



4287735733



4281371730



4282798940



4292598747



4284243036

Same Dimension

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



4281362828



4280713141



4281351308



4282270277



4278211205



4278190853

Inverse Universe

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



4287377513



4290061951



4287397936



4282728002



4286906450



4278517763

Previews

White Background



This preview shows how the Android color 4281362828 looks on a white background.

Color Contrast Check

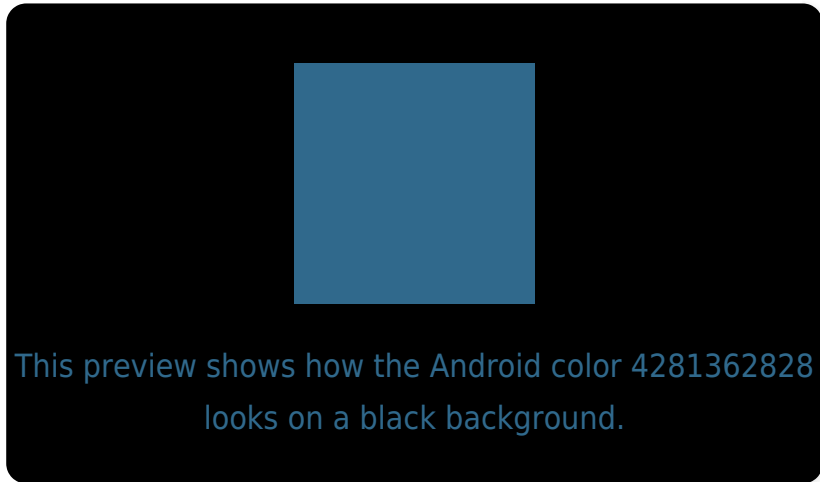
Large Text (above 18pt) WCAG AA ✓ Pass

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

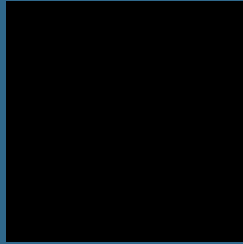
Any Text WCAG AA × Fail

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 4281362828 Background



This preview shows how black text looks on a background with the Android color 4281362828.

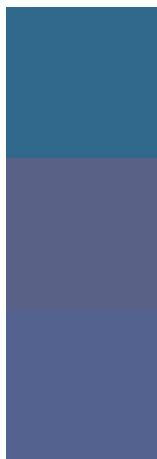


This preview shows how white text looks on a background with the Android color 4281362828.

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

4281362828

Protanopia

4284048006

Deuteranopia

4283654798

Trichromacy



Original Color
4281362828

Protanomaly
4283065736

Deuteranomaly
4282803597

Tritanomaly
4280839294

Monochromacy



Original Color
4281362828

Achromatopsia
4284243036

Achromatomaly
4283195757

CSS Examples

Text

The CSS property to change the color of the text to Android 4281362828 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, 105, 140)` looks like.

```
.text, #text, p{  
    color:rgb(48, 105, 140)  
}
```

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, 105, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 105, 140) }
```

Border

The CSS property to change the border of an element to Android 4281362828 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, 105, 140) }
```

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

```
.border{ border-color:rgb(48, 105, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 105, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 105, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 105, 140);  
box-shadow:4px 4px 4px 4px rgb(48, 105,  
140) }
```

Background

The CSS property to change the background color of an element to Android 4281362828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 105, 140) }
```

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

```
.background{ background-color: rgb(48, 105,  
140) }
```

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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