

# Converting Colors

Android(4281091916)

Have a look what the booklet for  
Android(4281091916) contains.

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# Color

**Android(4281091916)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C474C
RGB	44, 71, 76
RGB Percent	17%, 28%, 30%
CMY	0.8275, 0.7216, 0.7020
CMYK	0.42, 0.07, 0.00, 0.70
HSL	189°, 27%, 24%
HSV	189°, 42%, 30%
XYZ	4.5965, 5.5638, 7.6691
YIQ	63.4970, -17.6970, -4.1690

# Conversions

## Conversions Part 2

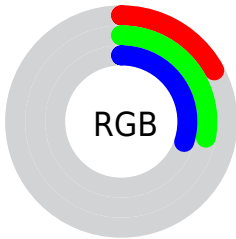
Format	Color
<b>R<sub>YB</sub></b>	44, 59, 76
Decimal	2901836
CIE <sub>Lab</sub>	28.28, -8.71, -6.24
CIE <sub>LCh</sub>	28, 10.721, 215.622
Yxy	5.5638, 0.2578, 0.3121
Android (android.graphics.Color)	4281091916 (0xFF2C474C)
YUV	63.4970, 6.1640, -17.0989
Hunter-Lab	23.5876, -6.4945, -2.7659

# Details

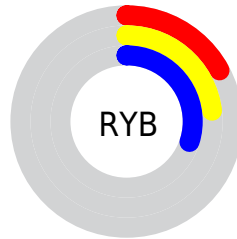
The Android color `4281091916` is a dark color, and the websafe version is hex `003333`. A complement of this color would be `4283183404`, and the grayscale version is `4282335039`.

A 20% lighter version of the original color is `4284184445`, and `4278197280` is the 20% darker color. If you saturate the color by 10%, you get `4280567372`, and if you desaturate by 10%, it is `4281616460`.

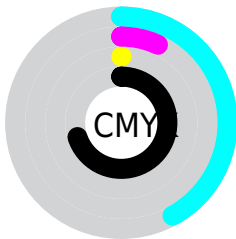
# Distribution



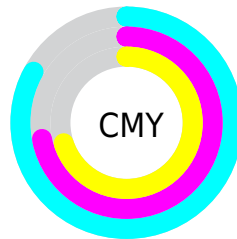
- Red (17%)
- Green (28%)
- Blue (30%)



- Red (17%)
- Yellow (23%)
- Blue (30%)



- Cyan (42%)
- Magenta (7%)
- Yellow (0%)
- Black (70%)



- Cyan (83%)
- Magenta (72%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281091916 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 4281091916 by changing the saturation by 10% instead.





4281091916



4281091916

4294967295



4279578933



4284184445



4278197280



4285895063



4278190088



4287540401



4278190080



4289316813



4291159017



4293001215

4294901759



4281091916



4281091916

■ 4280567372

■ 4281616460

■ 4280108364

■ 4282075468

■ 4279583564

■ 4282600268

■ 4279124556

■ 4283059276

■ 4278600012

■ 4283583820

■ 4278206540

■ 4284108364

■ 4284567372

■ 4285092172

■ 4285551180

# Harmonies

## Analogous

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



4281222980



4281091916



4281419089

# Triad

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



4281091916



4283383370



4282860338

# Complementary

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



4281091916



4283183404

# 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.



4283383860



4281091916



4283645249

# Square

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



4281091916



4282794064



4283645497



4282271029

# Rectangle

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



4281091916



4281877587



4283645497



4283056690



# Sweetspot

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



4281091916



4283916643



4281093169



4281020979



4289967027



4281545523



# Same Dimension

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



4281091916



4281424995



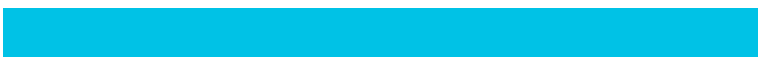
4281087820



4280428070



4278212198



4278239974



# Inverse Universe

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



4283182151



4284690780



4283187500



4280689190



4284874838

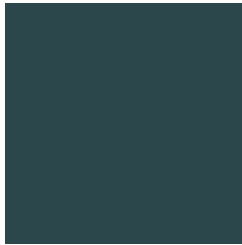


4293263554



# Previews

## White Background



This preview shows how the Android color 4281091916 looks on a white background.

## Color Contrast Check

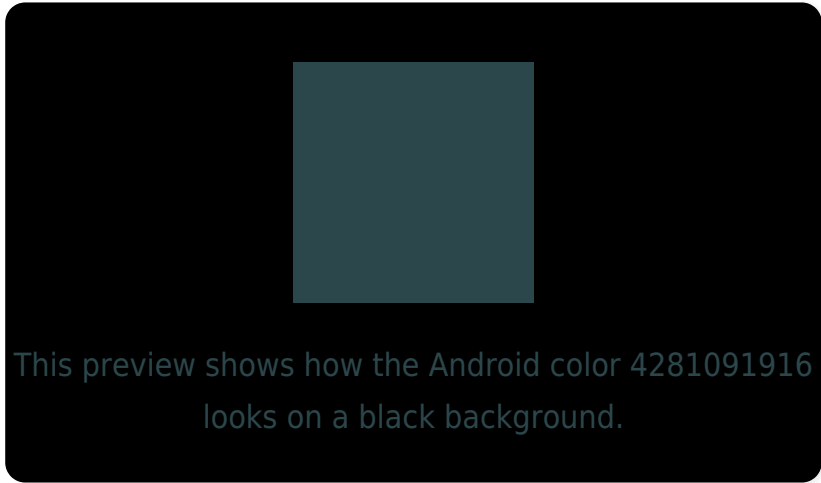
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281091916 Background



This preview shows how black text looks on a background with the Android color 4281091916.



This preview shows how white text looks on a background with the Android color 4281091916.

# 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



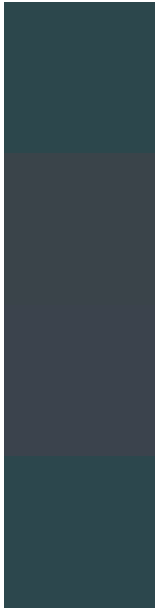
**Original Color**  
4281091916

**Protanopia**  
4282532425

**Deuteranopia**  
4282663245



# Trichromacy



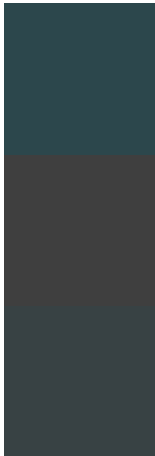
**Original Color**  
4281091916

**Protanomaly**  
4282008650

**Deuteranomaly**  
4282073933

**Tritanomaly**  
4281091917

# Monochromacy



**Original Color**  
4281091916

**Achromatopsia**  
4282335039

**Achromatomaly**  
4281877060

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281091916 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(44, 71, 76)` looks like.

```
.text, #text, p{  
    color:rgb(44, 71, 76)  
}
```

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(44, 71, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 71, 76) }
```

## Border

The CSS property to change the border of an element to Android 4281091916 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(44, 71, 76) }
```

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

```
.border{ border-color:rgb(44, 71, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 71, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 71, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 71, 76);  
box-shadow:4px 4px 4px 4px rgb(44, 71, 76)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281091916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 71, 76) }
```

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

```
.background{ background-color: rgb(44, 71,  
76) }
```

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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