

# Converting Colors

Android(4281359193)

Have a look what the booklet for  
Android(4281359193) contains.

|  |    |
|--|----|
| <b>Android(4281359193)</b> .....               | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Android(4281359193)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 305B59                     |
| RGB         | 48, 91, 89                 |
| RGB Percent | 19%, 36%, 35%              |
| CMY         | 0.8118, 0.6431, 0.6510     |
| CMYK        | 0.47, 0.00, 0.02, 0.64     |
| HSL         | 177°, 31%, 27%             |
| HSV         | 177°, 47%, 36%             |
| XYZ         | 6.7632, 8.8318, 10.7994    |
| YIQ         | 77.9150, -24.9860, -9.7380 |

# Conversions

## Conversions Part 2

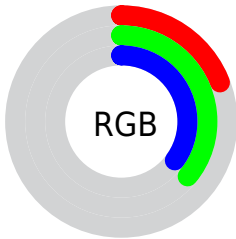
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 48, 70, 91                    |
| Decimal                             | 3169113                       |
| CIELab                              | 35.66, -15.47, -3.51          |
| CIELCh                              | 36, 15.867, 192.789           |
| Yxy                                 | 8.8318, 0.2562,<br>0.3346     |
| Android<br>(android.graphics.Color) | 4281359193<br>(0xFF305B59)    |
| YUV                                 | 77.9150, 5.4649,<br>-26.2355  |
| Hunter-Lab                          | 29.7184, -11.3849,<br>-0.7427 |

# Details

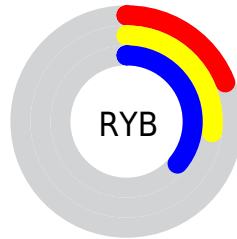
The Android color `4281359193` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4284166194`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4284583307`, and `4278201644` is the 20% darker color. If you saturate the color by 10%, you get `4280769369`, and if you desaturate by 10%, it is `4281949017`.

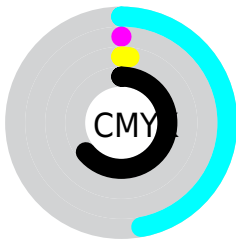
# Distribution



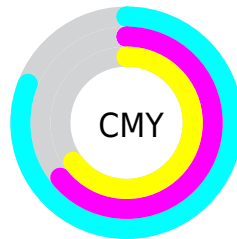
- Red (19%)
- Green (36%)
- Blue (35%)



- Red (19%)
- Yellow (27%)
- Blue (36%)



- Cyan (47%)
- Magenta (0%)
- Yellow (2%)
- Black (64%)



- Cyan (81%)
- Magenta (64%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4281359193 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 4281359193 by changing the saturation by 10% instead.





4281359193



4281359193

4294967295



4279714626



4284583307



4278201644



4286294181



4278196759



4288070592



4278190080



4289847260



4291689721



4293525503



4281359193



4281359193



4280769369



4281949017

■ 4280179544

■ 4282538842

■ 4279589720

■ 4283128666

■ 4278999895

■ 4283718491

■ 4278410071

■ 4284373851

■ 4278213463

■ 4284963676

■ 4285553500

■ 4286143324

■ 4286733149

# Harmonies

## Analogous

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



4282079820



4281359193



4281293413

# Triad

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



4281359193



4284305255



4284764476

# Complementary

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



4281359193



4284166194

# 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.



4285287747



4281359193



4285025116

# Square

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



4281359193



4283192172



4285418319



4283979067

# Rectangle

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



4281359193



4281686122



4285418319



4284960574



# Sweetspot

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



4281359193



4284839285



4281490224



4281416506



4290427578



4282071867



# Same Dimension

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



4281359193



4281496946



4281354331



4280888878



4278218345



4278250978



# Inverse Universe

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



4284166194



4285870646



4284171056



4281215274



4285399045



4293722123



# Previews

## White Background



This preview shows how the Android color 4281359193 looks on a white background.

## Color Contrast Check

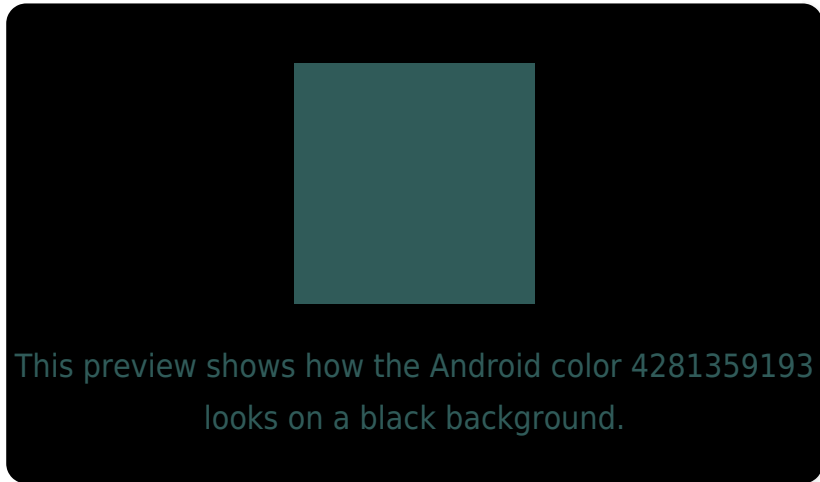
Large Text (above 18pt) WCAG AA ✓ Pass

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

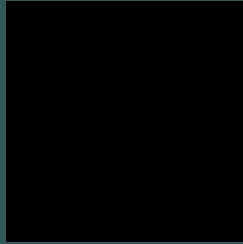
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4281359193 Background



This preview shows how black text looks on a background with the Android color 4281359193.



This preview shows how white text looks on a background with the Android color 4281359193.

# 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**

4281359193

**Protanopia**

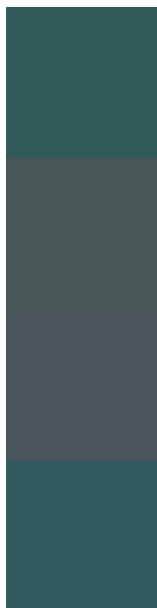
4283781972

**Deuteranopia**

4283978075



# Trichromacy



**Original Color**

4281359193

**Protanomaly**

4282930774

**Deuteranomaly**

4282996058

**Tritanomaly**

4281490014

# Monochromacy



**Original Color**

4281359193

**Achromatopsia**

4283321934

**Achromatomaly**

4282602322

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4281359193 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, 91, 89)` looks like.

```
.text, #text, p{  
    color:rgb(48, 91, 89)  
}
```

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, 91, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 91, 89) }
```

## Border

The CSS property to change the border of an element to Android 4281359193 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, 91, 89) }
```

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

```
.border{ border-color:rgb(48, 91, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 91, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 91, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 91, 89);  
box-shadow:4px 4px 4px 4px rgb(48, 91, 89)  
}
```

# Background

The CSS property to change the background color of an element to Android 4281359193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 91, 89) }
```

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

```
.background{ background-color: rgb(48, 91,  
89) }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor