

# Converting Colors

Android(4280373592)

Have a look what the booklet for  
Android(4280373592) contains.

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# Color

**Android(4280373592)**

# Conversions

## Conversions Part 1

Format	Color
Hex	215158
RGB	33, 81, 88
RGB Percent	13%, 32%, 35%
CMY	0.8706, 0.6824, 0.6549
CMYK	0.62, 0.08, 0.00, 0.65
HSL	188°, 45%, 24%
HSV	188°, 62%, 35%
XYZ	5.3311, 6.9128, 10.2858
YIQ	67.4460, -30.8550, -7.9990

# Conversions

## Conversions Part 2

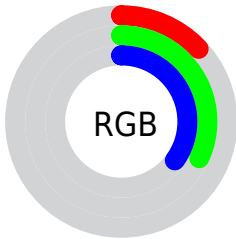
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 59, 88
Decimal	2183512
CIE <sub>Lab</sub>	31.61, -13.81, -9.01
CIE <sub>LCh</sub>	32, 16.487, 213.106
Yxy	6.9128, 0.2366, 0.3068
Android (android.graphics.Color)	4280373592 (0xFF215158)
YUV	67.4460, 10.1331, -30.2091
Hunter-Lab	26.2922, -9.8180, -4.7905




# Details

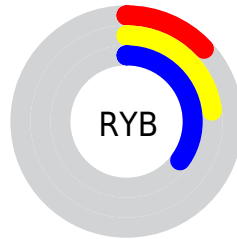
The Android color `4280373592` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4283967521`, and the grayscale version is `4282598211`.




A 20% lighter version of the original color is `4283728522`, and `4278199339` is the 20% darker color. If you saturate the color by 10%, you get `4279783512`, and if you desaturate by 10%, it is `4280963672`.

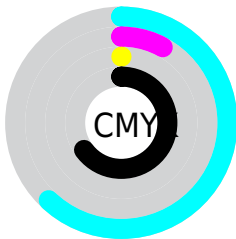
# Distribution







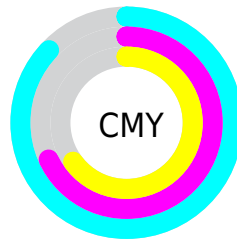
-  Red (13%)
-  Green (32%)
-  Blue (35%)






-  Red (13%)
-  Yellow (23%)
-  Blue (35%)



-  Cyan (62%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (87%)
-  Magenta (68%)
-  Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280373592 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 4280373592 by changing the saturation by 10% instead.





4280373592



4280373592

4294967295



4278336065



4283728522



4278199339



4285439396



4278193175



4287150271



4278190080



4288926683



4290769144



4292607999



4294508543



4280373592



4280373592

■ 4279783512

■ 4280963672

■ 4279193432

■ 4281553752

■ 4278668888

■ 4282078296

■ 4278209880

■ 4282668376

■ 4283258712

■ 4283848792

■ 4284438872

■ 4284963416

■ 4285553496

# Harmonies

## Analogous

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



4280767051



4280373592



4280962913

# Triad

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



4280373592



4284236630



4283583025

# Complementary

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



4280373592



4283967521

# 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.



4284302900



4280373592



4284694857

# Square

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



4280373592



4283320160



4284760637



4282666548

# Rectangle

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



4280373592



4281683044



4284760637



4283844913



# Sweetspot

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



4280373592



4284313715



4280375335



4281153851



4290427578



4282071867



# Same Dimension

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



4280373592



4280117363



4280366680



4280757035



4278213995



4278242795



# Inverse Universe

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



4283965777



4285734248



4283974433



4281018155



4285202525

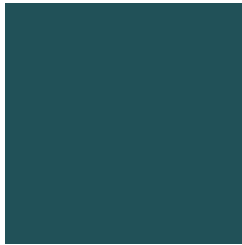


4293591245



# Previews

## White Background



This preview shows how the Android color 4280373592 looks on a white background.

## Color Contrast Check

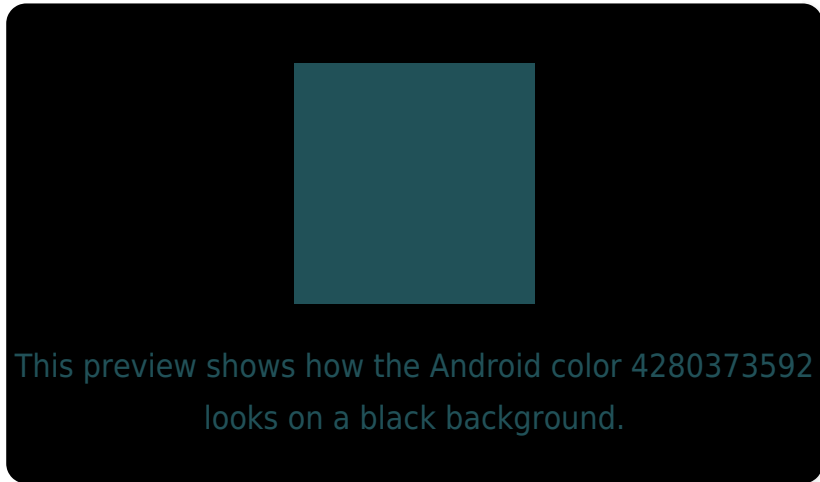
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280373592 Background



This preview shows how black text looks on a background with the Android color 4280373592.



This preview shows how white text looks on a background with the Android color 4280373592.

# 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



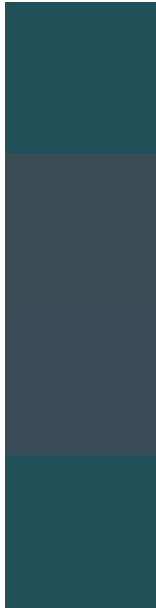
**Original Color**  
4280373592

**Protanopia**  
4282993235

**Deuteranopia**  
4283058522



# Trichromacy



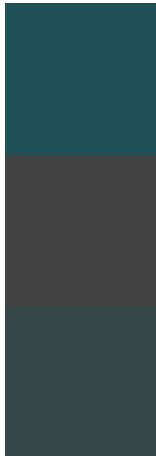
**Original Color**  
4280373592

**Protanomaly**  
4282010965

**Deuteranomaly**  
4282076249

**Tritanomaly**  
4280373592

# Monochromacy



**Original Color**  
4280373592

**Achromatopsia**  
4282598211

**Achromatomaly**  
4281813067

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280373592 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(33, 81, 88)` looks like.

```
.text, #text, p{  
    color:rgb(33, 81, 88)  
}
```

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(33, 81, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 81, 88) }
```

## Border

The CSS property to change the border of an element to Android 4280373592 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(33, 81, 88) }
```

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

```
.border{ border-color:rgb(33, 81, 88) }
```

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

Here you see how a box with a 4 pixel rgb(33, 81, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 81, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 81, 88);  
box-shadow:4px 4px 4px 4px rgb(33, 81, 88)  
}
```

# Background

The CSS property to change the background color of an element to Android 4280373592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 81, 88) }
```

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

```
.background{ background-color: rgb(33, 81,  
88) }
```

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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