

Converting Colors

Android(4280172358)

Have a look what the booklet for
Android(4280172358) contains.

Android(4280172358)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280172358)

Conversions

Conversions Part 1

Format	Color
Hex	1E3F46
RGB	30, 63, 70
RGB Percent	12%, 25%, 27%
CMY	0.8824, 0.7529, 0.7255
CMYK	0.57, 0.10, 0.00, 0.73
HSL	190°, 40%, 20%
HSV	190°, 57%, 27%
XYZ	3.4184, 4.2732, 6.4390
YIQ	53.9310, -21.9150, -4.8190

Conversions

Conversions Part 2

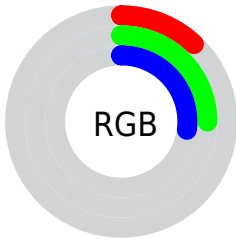
Format	Color
R_{YB}	30, 48, 70
Decimal	1982278
CIE Lab	24.55, -9.76, -8.00
CIE LCh	25, 12.620, 219.327
Yxy	4.2732, 0.2419, 0.3024
Android (android.graphics.Color)	4280172358 (0xFF1E3F46)
YUV	53.9310, 7.9220, -20.9875
Hunter-Lab	20.6718, -6.6577, -3.9978

Details

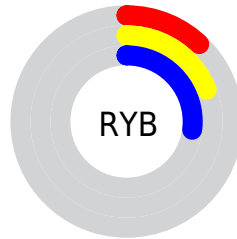
The Android color **4280172358** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282787102**, and the grayscale version is **4281742902**.

A 20% lighter version of the original color is **4283330422**, and **4278195483** is the 20% darker color. If you saturate the color by 10%, you get **4279713350**, and if you desaturate by 10%, it is **4280631366**.

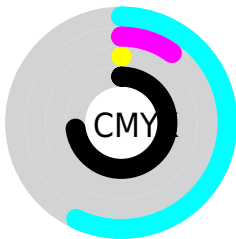
Distribution



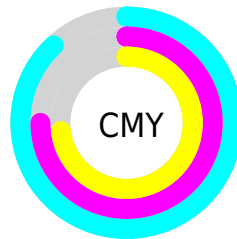
- Red (12%)
- Green (25%)
- Blue (27%)



- Red (12%)
- Yellow (19%)
- Blue (27%)



- Cyan (57%)
- Magenta (10%)
- Yellow (0%)
- Black (73%)



- Cyan (88%)
- Magenta (75%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280172358 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 4280172358 by changing the saturation by 10% instead.

■ 4280172358

■ 4280172358

4294967295

■ 4278528304

■ 4283330422

■ 4278195483

■ 4284975248

■ 4278190080

■ 4286620330

■ 4288396742

■ 4290173410

■ 4292015870

■ 4293853183

■ 4280172358

■ 4280172358

■ 4279713350

■ 4280631366

■ 4279254342

■ 4281090374

■ 4278795078

■ 4281549638

■ 4278336070

■ 4282008646

■ 4278204998

■ 4282467654

■ 4282926662

■ 4283385926

■ 4283844934

■ 4284303942

Harmonies

Analogous

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



4280303677



4280172358



4280696140

Triad

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



4280172358



4282987585



4282268456

Complementary

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



4280172358



4282787102

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.



4282857257



4280172358



4283249464

Square

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



4280172358



4282398537



4283184431



4281613611

Rectangle

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



4280172358



4281219917



4283184431



4282464807

Sweetspot

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



4280172358



4283193692



4280174117



4280626222



4289572269



4281216558

Same Dimension

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



4280172358



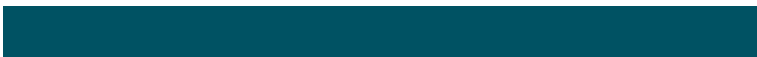
4280045916



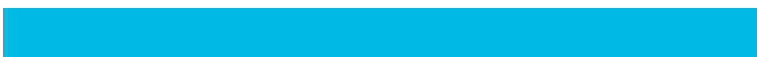
4280167238



4280296228



4278211171



4278238179

Inverse Universe

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



4282785343



4284226641



4282792222



4280557603



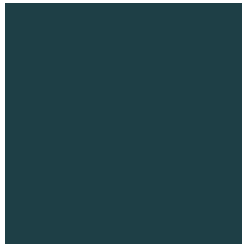
4284678226



4293066939

Previews

White Background



This preview shows how the Android color 4280172358 looks on a white background.

Color Contrast Check

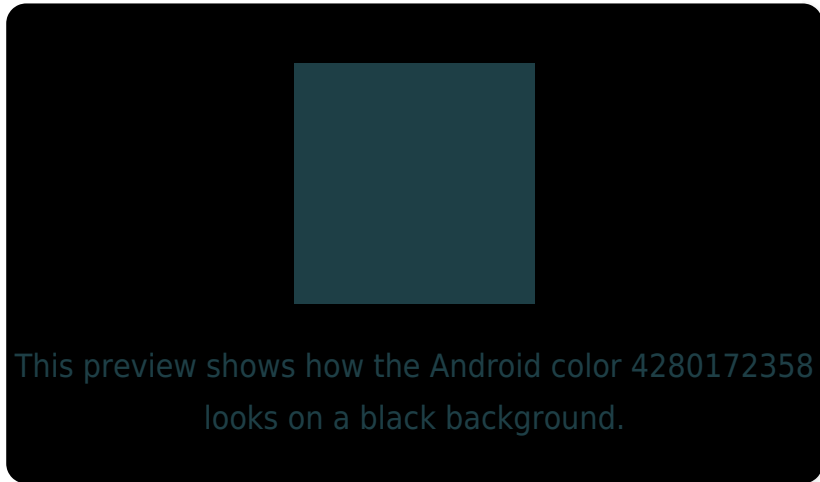
Large Text (above 18pt) WCAG AA ✓ Pass

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

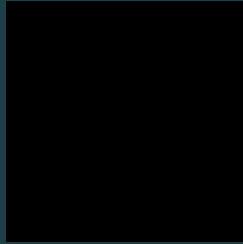
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

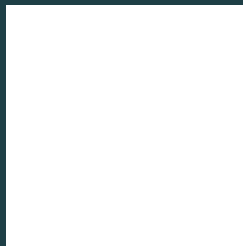
Any Text WCAG AAA × Fail

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

Android 4280172358 Background



This preview shows how black text looks on a background with the Android color 4280172358.



This preview shows how white text looks on a background with the Android color 4280172358.

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

4280172358

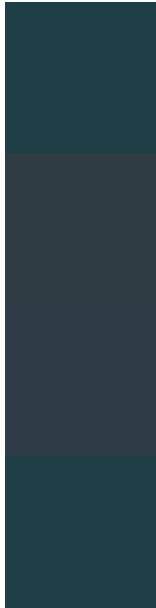
Protanopia

4281940547

Deuteranopia

4281940295

Trichromacy



Original Color
4280172358

Protanomaly
4281285700

Deuteranomaly
4281285447

Tritanomaly
4280106821

Monochromacy



Original Color
4280172358

Achromatopsia
4281742902

Achromatomaly
4281153852

CSS Examples

Text

The CSS property to change the color of the text to Android 4280172358 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(30, 63, 70)` looks like.

```
.text, #text, p{  
    color:rgb(30, 63, 70)  
}
```

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(30, 63, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 63, 70) }
```

Border

The CSS property to change the border of an element to Android 4280172358 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(30, 63, 70) }
```

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

```
.border{ border-color:rgb(30, 63, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 63, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 63, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 63, 70);  
box-shadow:4px 4px 4px 4px rgb(30, 63, 70)  
}
```

Background

The CSS property to change the background color of an element to Android 4280172358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 63, 70) }
```

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

```
.background{ background-color: rgb(30, 63,  
70) }
```

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