

Converting Colors

Android(4278993753)

Have a look what the booklet for
Android(4278993753) contains.

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Color

Android(4278993753)

Conversions

Conversions Part 1

Format	Color
Hex	0C4359
RGB	12, 67, 89
RGB Percent	5%, 26%, 35%
CMY	0.9529, 0.7373, 0.6510
CMYK	0.87, 0.25, 0.00, 0.65
HSL	197°, 76%, 20%
HSV	197°, 87%, 35%
XYZ	3.9619, 4.8137, 10.1715
YIQ	53.0630, -39.8420, -4.8180

Conversions

Conversions Part 2

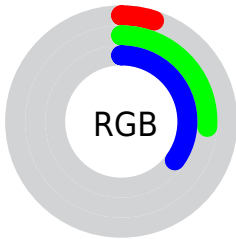
Format	Color
R_{YB}	12, 44, 89
Decimal	803673
CIE _{Lab}	26.20, -8.52, -17.99
CIE _{LCh}	26, 19.910, 244.661
Yxy	4.8137, 0.2091, 0.2541
Android (android.graphics.Color)	4278993753 (0xFF0C4359)
YUV	53.0630, 17.7169, -36.0123
Hunter-Lab	21.9402, -6.1621, -12.1287

Details

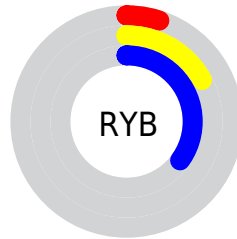
The Android color **4278993753** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4284031500**, and the grayscale version is **4281677109**.

A 20% lighter version of the original color is **4282807179**, and **4278196523** is the 20% darker color. If you saturate the color by 10%, you get **4278403161**, and if you desaturate by 10%, it is **4279584345**.

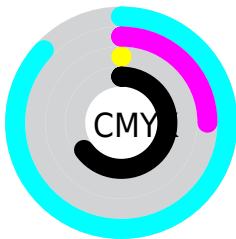
Distribution



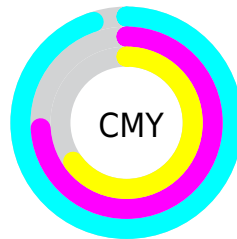
- Red (5%)
- Green (26%)
- Blue (35%)



- Red (5%)
- Yellow (17%)
- Blue (35%)



- Cyan (87%)
- Magenta (25%)
- Yellow (0%)
- Black (65%)



- Cyan (95%)
- Magenta (74%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278993753 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 4278993753 by changing the saturation by 10% instead.

■ 4278993753

■ 4278993753

4294967295

■ 4278201666

■ 4282807179

■ 4278196523

■ 4284517541

■ 4278190359

■ 4286228417

■ 4278190080

■ 4288004829

■ 4289847033

■ 4291689471

■ 4293591039

■ 4278993753

■ 4278993753

■ 4278403161

■ 4279584345

■ 4278206553

■ 4280174681

■ 4280765273

■ 4281355609

■ 4281946201

■ 4282471001

■ 4283061593

■ 4283651929

■ 4284242521

Harmonies

Analogous

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



4278207823



4278993753



4281024348

Triad

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



4278993753



4284166716



4281680420

Complementary

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



4278993753



4284031500

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.



4282727967



4278993753



4284101678

Square

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



4278993753



4283642955



4283578659



4280501553

Rectangle

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



4278993753



4282137433



4283578659



4282073378

Sweetspot

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



4278993753



4283787891



4278999330



4280825147



4290427578



4282071867

Same Dimension

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



4278993753



4278211187



4278984025



4280756779



4278209899



4278233323

Inverse Universe

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



4284025923



4285726802



4284041228



4281018154



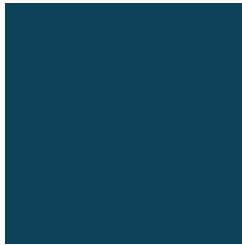
4285202509



4293591208

Previews

White Background



This preview shows how the Android color 4278993753 looks on a white background.

Color Contrast Check

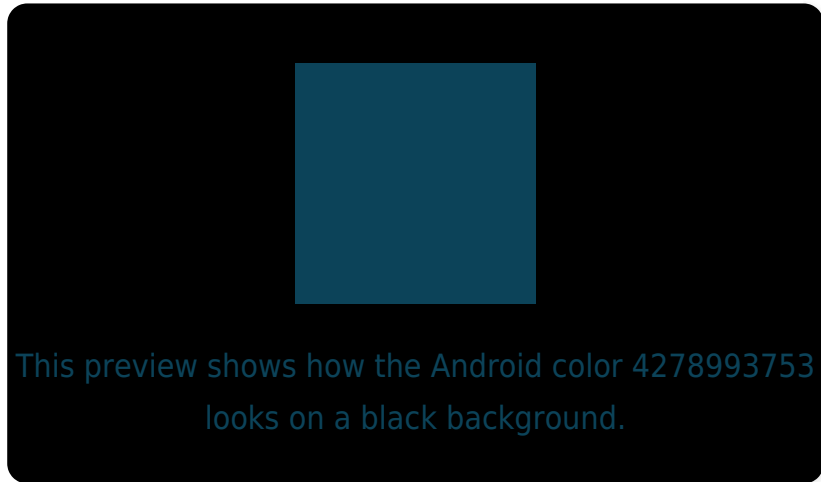
Large Text (above 18pt) WCAG AA ✓ Pass

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

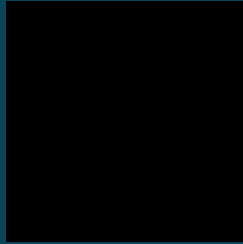
Any Text WCAG AA × Fail

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 4278993753 Background



This preview shows how black text looks on a background with the Android color 4278993753.



This preview shows how white text looks on a background with the Android color 4278993753.

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

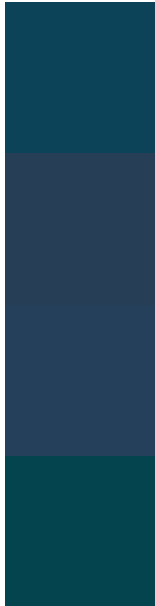


Original Color
4278993753

Protanopia
4281810260

Deuteranopia
4281548378

Trichromacy



Original Color
4278993753

Protanomaly
4280762198

Deuteranomaly
4280631386

Tritanomaly
4278469711

Monochromacy



Original Color
4278993753

Achromatopsia
4281677109

Achromatomaly
4280695362

CSS Examples

Text

The CSS property to change the color of the text to Android 4278993753 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(12, 67, 89)` looks like.

```
.text, #text, p{  
    color:rgb(12, 67, 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(12, 67, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 67, 89) }
```

Border

The CSS property to change the border of an element to Android 4278993753 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(12, 67, 89) }
```

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

```
.border{ border-color:rgb(12, 67, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 67, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 67, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 67, 89);  
box-shadow:4px 4px 4px 4px rgb(12, 67, 89)  
}
```

Background

The CSS property to change the background color of an element to Android 4278993753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 67, 89) }
```

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

```
.background{ background-color: rgb(12, 67,  
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](#).

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