

Converting Colors

Android(4278989638)

Have a look what the booklet for
Android(4278989638) contains.

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Color

Android(4278989638)

Conversions

Conversions Part 1

Format	Color
Hex	0C3346
RGB	12, 51, 70
RGB Percent	5%, 20%, 27%
CMY	0.9529, 0.8000, 0.7255
CMYK	0.83, 0.27, 0.00, 0.73
HSL	200°, 71%, 16%
HSV	200°, 83%, 27%
XYZ	2.4409, 2.8880, 6.2231
YIQ	41.5050, -29.3430, -2.3590

Conversions

Conversions Part 2

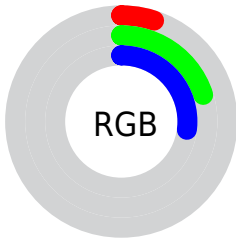
Format	Color
R_{YB}	12, 35, 70
Decimal	799558
CIE _{Lab}	19.59, -5.89, -15.68
CIE _{LCh}	20, 16.747, 249.420
Yxy	2.8880, 0.2113, 0.2500
Android (android.graphics.Color)	4278989638 (0xFF0C3346)
YUV	41.5050, 14.0480, -25.8759
Hunter-Lab	16.9942, -4.1011, -9.8157

Details

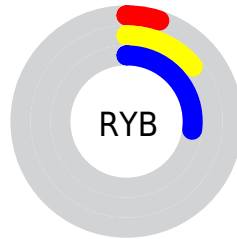
The Android color **4278989638** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282785548**, and the grayscale version is **4280887593**.

A 20% lighter version of the original color is **4282409334**, and **4278190363** is the 20% darker color. If you saturate the color by 10%, you get **4278530374**, and if you desaturate by 10%, it is **4279448902**.

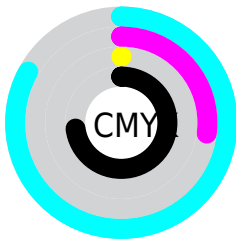
Distribution



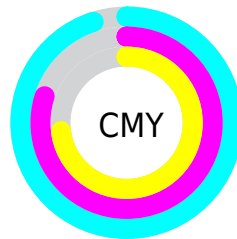
- Red (5%)
- Green (20%)
- Blue (27%)



- Red (5%)
- Yellow (14%)
- Blue (27%)



- Cyan (83%)
- Magenta (27%)
- Yellow (0%)
- Black (73%)



- Cyan (95%)
- Magenta (80%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278989638 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 4278989638 by changing the saturation by 10% instead.

■ 4278989638

■ 4278989638

■ 4294836223

■ 4278197808

■ 4282409334

■ 4278190363

■ 4284054160

■ 4278190080

■ 4285764779

■ 4287475398

■ 4289252066

■ 4291094271

■ 4292935679

■ 4278989638

■ 4278989638

■ 4278530374

■ 4279448902

■ 4278202182

■ 4279908422

■ 4280367686

■ 4280826950

■ 4281286214

■ 4281745734

■ 4282204998

■ 4282664262

■ 4283123782

Harmonies

Analogous

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



4278203711



4278989638



4280561479

Triad

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



4278989638



4282852908



4280693532

Complementary

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



4278989638



4282785548

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.



4281610263



4278989638



4282722337

Square

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



4278989638



4282525496



4282264601



4279711014

Rectangle

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



4278989638



4281347141



4282264601



4281020954

Sweetspot

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



4278989638



4282733660



4278994462



4280297774



4289572269



4281216558

Same Dimension

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



4278989638



4278271580



4278982470



4280296228



4278207331



4278229475

Inverse Universe

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



4282780723



4284219710



4282792716



4280557603



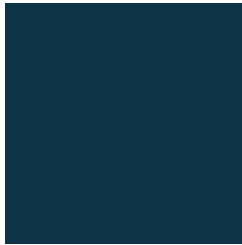
4284678211



4293066905

Previews

White Background



This preview shows how the Android color 4278989638 looks on a white background.

Color Contrast Check

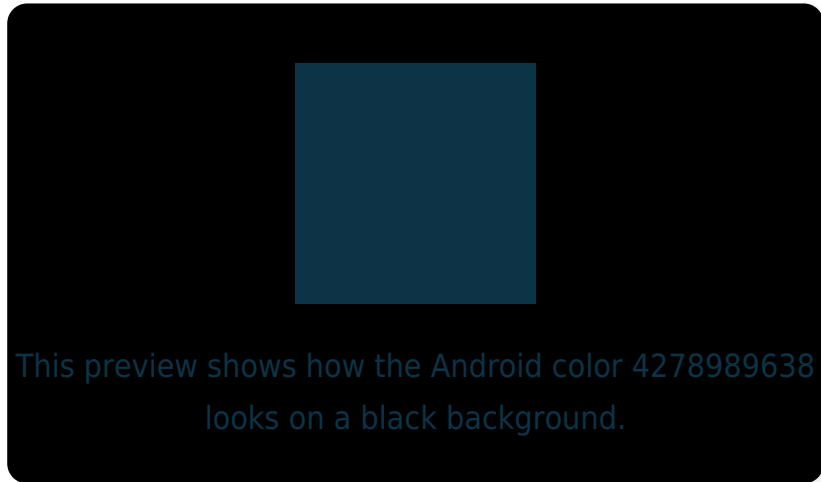
Large Text (above 18pt) WCAG AA ✓ Pass

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

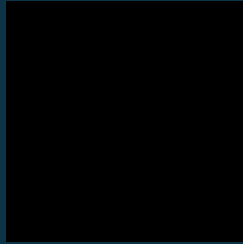
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

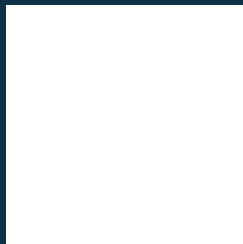
Any Text WCAG AAA × Fail

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

Android 4278989638 Background



This preview shows how black text looks on a background with the Android color 4278989638.



This preview shows how white text looks on a background with the Android color 4278989638.

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
4278989638

Protanopia
4280954691

Deuteranopia
4280627015

Trichromacy



Original Color

4278989638

Protanomaly

4280234052

Deuteranomaly

4280037447

Tritanomaly

4278465598

Monochromacy



Original Color

4278989638

Achromatopsia

4280953386

Achromatomaly

4280233268

CSS Examples

Text

The CSS property to change the color of the text to Android 4278989638 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, 51, 70)` looks like.

```
.text, #text, p{  
    color:rgb(12, 51, 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(12, 51, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 51, 70) }
```

Border

The CSS property to change the border of an element to Android 4278989638 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, 51, 70) }
```

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

```
.border{ border-color:rgb(12, 51, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 51, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 51, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 51, 70);  
box-shadow:4px 4px 4px 4px rgb(12, 51, 70)  
}
```

Background

The CSS property to change the background color of an element to Android 4278989638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 51, 70) }
```

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

```
.background{ background-color: rgb(12, 51,  
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](#).

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