

Converting Colors

Android(4278989629)

Have a look what the booklet for
Android(4278989629) contains.

Android(4278989629)	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(4278989629)

Conversions

Conversions Part 1

Format	Color
Hex	0C333D
RGB	12, 51, 61
RGB Percent	5%, 20%, 24%
CMY	0.9529, 0.8000, 0.7608
CMYK	0.80, 0.16, 0.00, 0.76
HSL	192°, 67%, 14%
HSV	192°, 80%, 24%
XYZ	2.1778, 2.7827, 4.8372
YIQ	40.4790, -26.4540, -5.1580

Conversions

Conversions Part 2

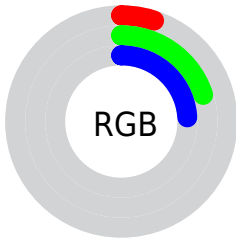
Format	Color
RYB	12, 34, 61
Decimal	799549
CIELab	19.15, -9.50, -10.23
CIElCh	19, 13.962, 227.099
Yxy	2.7827, 0.2223, 0.2840
Android (android.graphics.Color)	4278989629 (0xFF0C333D)
YUV	40.4790, 10.1169, -24.9761
Hunter-Lab	16.6815, -5.8898, -5.5155

Details

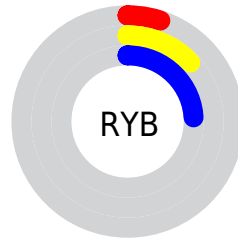
The Android color **4278989629** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4282193420**, and the grayscale version is **4280821800**.

A 20% lighter version of the original color is **4282278252**, and **4278190355** is the 20% darker color. If you saturate the color by 10%, you get **4278596157**, and if you desaturate by 10%, it is **4279383101**.

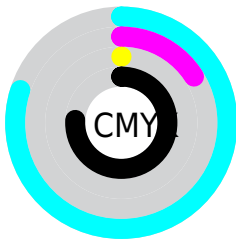
Distribution



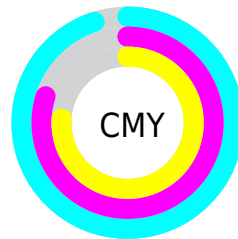
- Red (5%)
- Green (20%)
- Blue (24%)



- Red (5%)
- Yellow (13%)
- Blue (24%)



- Cyan (80%)
- Magenta (16%)
- Yellow (0%)
- Black (76%)



- Cyan (95%)
- Magenta (80%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278989629 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 4278989629 by changing the saturation by 10% instead.



4278989629



4278989629



4294639615



4278197799



4282278252



4278190355



4283923078



4278190080



4285568160



4287279035



4289055447



4290897651



4292739071



4278989629



4278989629

■ 4278596157

■ 4279383101

■ 4278202685

■ 4279776573

■ 4280170301

■ 4280563773

■ 4281022781

■ 4281416253

■ 4281809981

■ 4282203453

■ 4282596925

Harmonies

Analogous

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



4278989876



4278989629



4279841090

Triad

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



4278989629



4282394419



4281348123

Complementary

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



4278989629



4282193420

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.



4281936923



4278989629



4282591017

Square

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



4278989629



4281805372



4282394912



4280562208

Rectangle

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



4278989629



4280561474



4282394912



4281544474

Sweetspot

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



4278989629



4282141519



4278992150



4280100393



4289243304



4280887593

Same Dimension

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



4278989629



4278403151



4278983485



4280032799



4278209374



4278235614

Inverse Universe

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



4282190899



4283368256



4282199564



4280228894



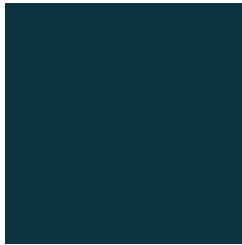
4284350539



4292739249

Previews

White Background



This preview shows how the Android color 4278989629 looks on a white background.

Color Contrast Check

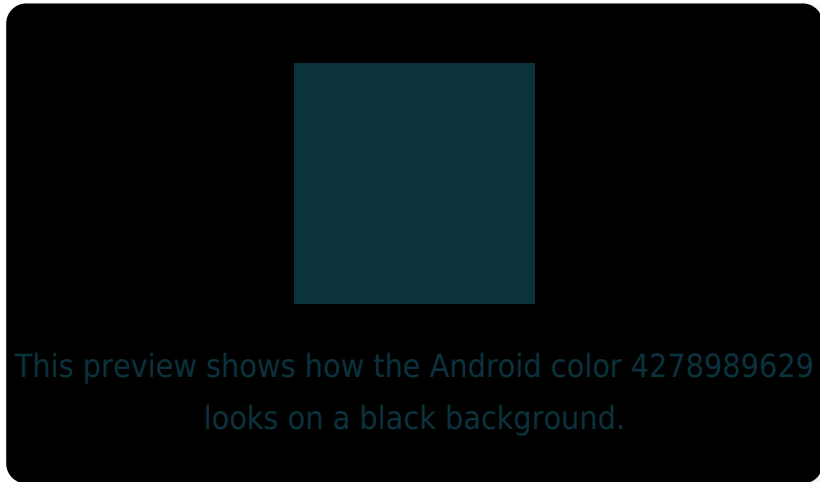
Large Text (above 18pt) WCAG AA ✓ Pass

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

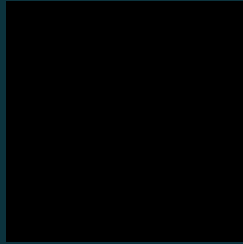
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

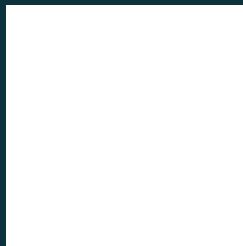
Any Text WCAG AAA × Fail

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

Android 4278989629 Background



This preview shows how black text looks on a background with the Android color 4278989629.



This preview shows how white text looks on a background with the Android color 4278989629.

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

[4278989629](#)

Protanopia

[4281085498](#)

Deuteranopia

[4281019966](#)

Trichromacy



Original Color

4278989629

Protanomaly

4280299579

Deuteranomaly

4280299582

Tritanomaly

4278727738

Monochromacy



Original Color

4278989629

Achromatopsia

4280821800

Achromatomaly

4280167472

CSS Examples

Text

The CSS property to change the color of the text to Android 4278989629 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, 61)` looks like.

```
.text, #text, p{  
    color:rgb(12, 51, 61)  
}
```

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, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 51, 61) }
```

Border

The CSS property to change the border of an element to Android 4278989629 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, 61) }
```

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

```
.border{ border-color:rgb(12, 51, 61) }
```

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, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 51, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 51, 61);  
box-shadow:4px 4px 4px 4px rgb(12, 51, 61)  
}
```

Background

The CSS property to change the background color of an element to Android 4278989629 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, 61) }
```

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

```
.background{ background-color: rgb(12, 51,  
61) }
```

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