

Converting Colors

Android(4278732589)

Have a look what the booklet for
Android(4278732589) contains.

Android(4278732589)	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(4278732589)

Conversions

Conversions Part 1

Format	Color
Hex	08472D
RGB	8, 71, 45
RGB Percent	3%, 28%, 18%
CMY	0.9686, 0.7216, 0.8235
CMYK	0.89, 0.00, 0.37, 0.72
HSL	155°, 80%, 15%
HSV	155°, 89%, 28%
XYZ	2.8270, 4.7476, 3.2500
YIQ	49.1990, -29.2020, -21.4420

Conversions

Conversions Part 2

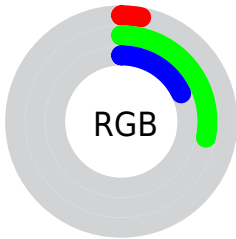
Format	Color
RYB	8, 48, 71
Decimal	542509
CIELab	26.00, -26.13, 10.38
CIELCh	26, 28.116, 158.336
Yxy	4.7476, 0.2612, 0.4386
Android (android.graphics.Color)	4278732589 (0xFF08472D)
YUV	49.1990, -2.0701, -36.1315
Hunter-Lab	21.7889, -14.9708, 6.4086

Details

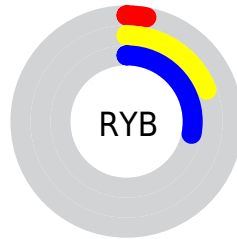
The Android color **4278732589** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4282845218**, and the grayscale version is **4281413937**.

A 20% lighter version of the original color is **4282349659**, and **4278197504** is the 20% darker color. If you saturate the color by 10%, you get **4278273834**, and if you desaturate by 10%, it is **4279191344**.

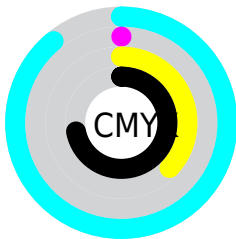
Distribution



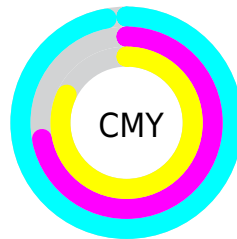
- Red (3%)
- Green (28%)
- Blue (18%)



- Red (3%)
- Yellow (19%)
- Blue (28%)



- Cyan (89%)
- Magenta (0%)
- Yellow (37%)
- Black (72%)



- Cyan (97%)
- Magenta (72%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278732589 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 4278732589 by changing the saturation by 10% instead.

 4278732589

 4278732589

 4294836223

 4278202392

 4282349659

 4278197504

 4283994739

 4278190080

 4285705613

 4287482023

 4289258947

 4291035103

 4292935675

 4278732589

 4278732589

■ 4278273834

■ 4279191344

■ 4278208298

■ 4279650099

■ 4280108854

■ 4280567609

■ 4281091900

■ 4281550655

■ 4282009410

■ 4282468164

■ 4282926919

Harmonies

Analogous

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



4281156634



4278732589



4278208579

Triad

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



4278732589



4280368744



4284624676

Complementary

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



4278732589



4282845218

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.



4284820280



4278732589



4282856799

Square

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



4278732589



4278207589



4284230990



4283840277

Rectangle

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



4278732589



4278208593



4284230990



4284755243

Sweetspot

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



4278732589



4282604626



4280436488



4280233512



4289572269



4281216558

Same Dimension

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



4278732589



4278213686



4278731335



4280296482



4278215482



4278248325

Inverse Universe

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



4282845218



4284219430



4282846472



4280557602



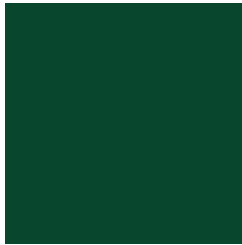
4284678185



4293066846

Previews

White Background



This preview shows how the Android color 4278732589 looks on a white background.

Color Contrast Check

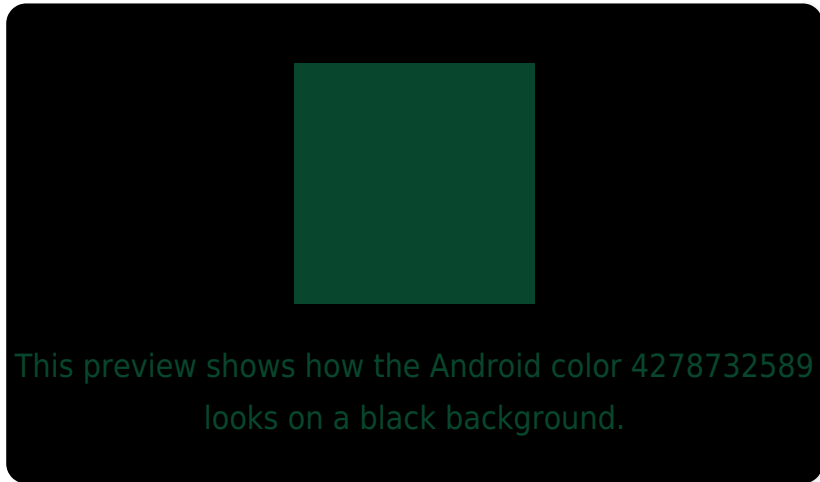
Large Text (above 18pt) WCAG AA ✓ Pass

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

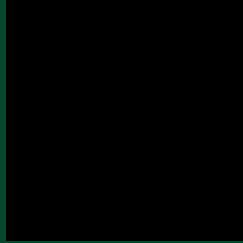
Any Text WCAG AA × Fail

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 4278732589 Background



This preview shows how black text looks on a background with the Android color 4278732589.



This preview shows how white text looks on a background with the Android color 4278732589.

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
4278732589

Protanopia
4282596905

Deuteranopia
4282923824

Trichromacy



Original Color

4278732589

Protanomaly

4281221418

Deuteranomaly

4281417519

Tritanomaly

4279452991

Monochromacy



Original Color

4278732589

Achromatopsia

4281413937

Achromatomaly

4280432944

CSS Examples

Text

The CSS property to change the color of the text to Android 4278732589 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(8, 71, 45)` looks like.

```
.text, #text, p{  
    color:rgb(8, 71, 45)  
}
```

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(8, 71, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 71, 45) }
```

Border

The CSS property to change the border of an element to Android 4278732589 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(8, 71, 45) }
```

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

```
.border{ border-color:rgb(8, 71, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 71, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 71, 45); -webkit-box-shadow:4px  
4px 4px 4px rgb(8, 71, 45); box-shadow:4px  
4px 4px 4px rgb(8, 71, 45) }
```

Background

The CSS property to change the background color of an element to Android 4278732589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 71, 45) }
```

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

```
.background{ background-color: rgb(8, 71,  
45) }
```

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