

Converting Colors

Android(4278795266)

Have a look what the booklet for
Android(4278795266) contains.

Android(4278795266)	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(4278795266)

Conversions

Conversions Part 1

Format	Color
Hex	093C02
RGB	9, 60, 2
RGB Percent	4%, 24%, 1%
CMY	0.9647, 0.7647, 0.9922
CMYK	0.85, 0.00, 0.97, 0.76
HSL	113°, 94%, 12%
HSV	113°, 97%, 24%
XYZ	1.7395, 3.2942, 0.6016
YIQ	38.1390, -11.7780, -28.8500

Conversions

Conversions Part 2

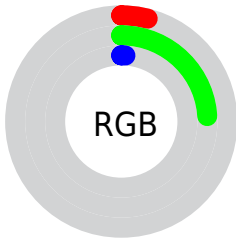
Format	Color
RYB	2, 60, 53
Decimal	605186
CIELab	21.19, -28.52, 27.92
CIELCh	21, 39.912, 135.606
Yxy	3.2942, 0.3087, 0.5846
Android (android.graphics.Color)	4278795266 (0xFF093C02)
YUV	38.1390, -17.8165, -25.5549
Hunter-Lab	18.1499, -14.6549, 10.7397

Details

The Android color **4278795266** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4281664060**, and the grayscale version is **4280690214**.

A 20% lighter version of the original color is **4282215473**, and **4278192128** is the 20% darker color. If you saturate the color by 10%, you get **4278664192**, and if you desaturate by 10%, it is **4279122952**.

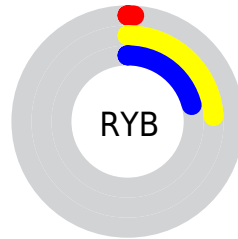
Distribution



Red (4%)

Green (24%)

Blue (1%)



Red (1%)

Yellow (24%)

Blue (21%)

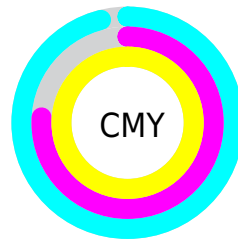


Cyan (85%)

Magenta (0%)

Yellow (97%)

Black (76%)



Cyan (96%)

Magenta (76%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278795266 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 4278795266 by changing the saturation by 10% instead.

 4278795266

 4278795266

 4294639591

 4278199808

 4282215473

 4278192128

 4283860552

 4278190080

 4285571169

 4287282042

 4289058708

 4290901167

 4292739019

 4278795266

 4278795266

■ 4278664192

■ 4279122952

■ 4279516174

■ 4279843860

■ 4280171546

■ 4280499232

■ 4280892454

■ 4281220140

■ 4281547826

■ 4281875512

Harmonies

Analogous

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



4281480704



4278795266



4278206243

Triad

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



4278795266



4278205036



4284878629

Complementary

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



4278795266



4281664060

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.



4284486210



4278795266



4278202732

Square

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



4278795266



4278206301



4282852189



4284358151

Rectangle

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



4278795266



4278206520



4282852189



4284878127

Sweetspot

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



4278795266



4282076984



4282135554



4280035611



4289243304



4280887593

Same Dimension

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



4278795266



4278865664



4278336535



4280033052



4278935040



4280016384

Inverse Universe

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



4281664060



4282777679



4282122791



4280163359



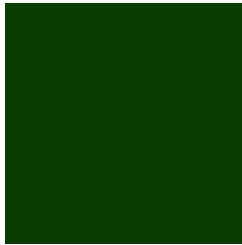
4283629662



4290969822

Previews

White Background



This preview shows how the Android color 4278795266 looks on a white background.

Color Contrast Check

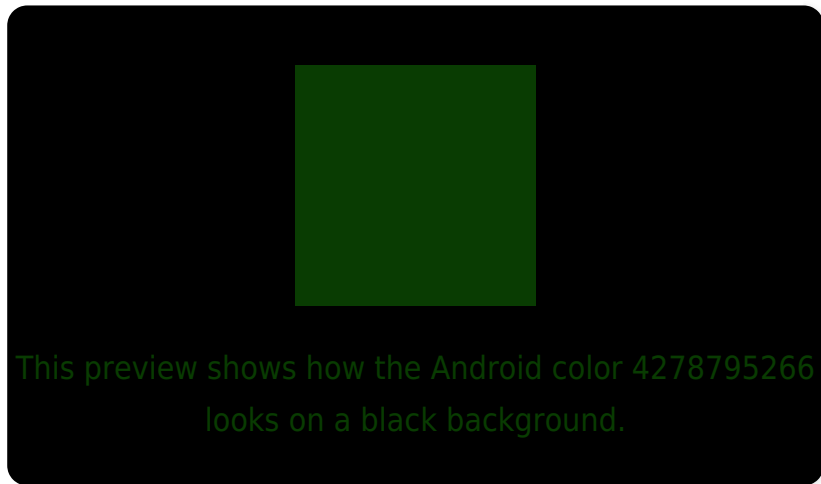
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278795266 Background



This preview shows how black text looks on a background with the Android color 4278795266.



This preview shows how white text looks on a background with the Android color 4278795266.

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
4278795266

Protanopia
4282004224

Deuteranopia
4282462477

Trichromacy



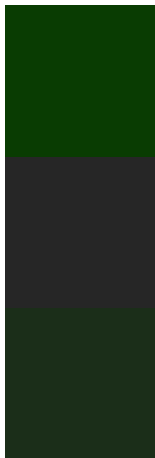
Original Color
4278795266

Protanomaly
4280825345

Deuteranomaly
4281152777

Tritanomaly
4279515431

Monochromacy



Original Color
4278795266

Achromatopsia
4280690214

Achromatomaly
4279971353

CSS Examples

Text

The CSS property to change the color of the text to Android 4278795266 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(9, 60, 2)` looks like.

```
.text, #text, p{  
    color:rgb(9, 60, 2)  
}
```

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(9, 60, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 60, 2) }
```

Border

The CSS property to change the border of an element to Android 4278795266 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(9, 60, 2) }
```

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

```
.border{ border-color:rgb(9, 60, 2) }
```

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

Here you see how a box with a 4 pixel rgb(9, 60, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 60, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 60, 2); box-shadow:4px  
4px 4px 4px rgb(9, 60, 2) }
```

Background

The CSS property to change the background color of an element to Android 4278795266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 60, 2) }
```

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

```
.background{ background-color: rgb(9, 60,  
2) }
```

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