

Converting Colors

Android(4278462736)

Have a look what the booklet for
Android(4278462736) contains.

Android(4278462736)	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(4278462736)

Conversions

Conversions Part 1

Format	Color
Hex	042910
RGB	4, 41, 16
RGB Percent	2%, 16%, 6%
CMY	0.9843, 0.8392, 0.9373
CMYK	0.90, 0.00, 0.61, 0.84
HSL	139°, 82%, 9%
HSV	139°, 90%, 16%
XYZ	0.9365, 1.6491, 0.7592
YIQ	27.0870, -14.0270, -15.6190

Conversions

Conversions Part 2

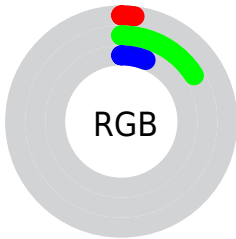
Format	Color
R_{YB}	4, 32, 41
Decimal	272656
CIE _{Lab}	13.53, -20.08, 12.46
CIE _{LCh}	14, 23.629, 148.169
Yxy	1.6491, 0.2800, 0.4930
Android (android.graphics.Color)	4278462736 (0xFF042910)
YUV	27.0870, -5.4659, -20.2473
Hunter-Lab	12.8417, -9.4552, 5.4842

Details

The Android color **4278462736** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4280878109**, and the grayscale version is **4279966491**.

A 20% lighter version of the original color is **4281489210**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4278200589**, and if you desaturate by 10%, it is **4278724883**.

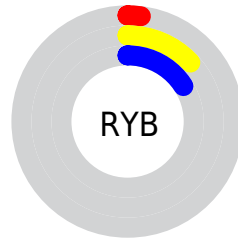
Distribution



Red (2%)

Green (16%)

Blue (6%)



Red (2%)

Yellow (13%)

Blue (16%)

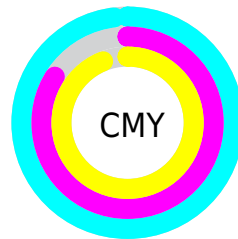


Cyan (90%)

Magenta (0%)

Yellow (61%)

Black (84%)



Cyan (98%)

Magenta (84%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278462736 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 4278462736 by changing the saturation by 10% instead.

 4278462736

 4278462736

 4293525488

 4278195456

 4281489210

 4278190080


 4283068242

 4284713322

 4286358403

 4288069277

 4289845944

 4291688404

 4278462736

 4278462736

■ 4278200589

■ 4278724883

■ 4278987030

■ 4279249176

■ 4279511323

■ 4279773470

■ 4280101153

■ 4280363299

■ 4280625446

■ 4280887593

Harmonies

Analogous

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



4280100352



4278462736



4278200865

Triad

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



4278462736



4278199620



4282324244

Complementary

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



4278462736



4280878109

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.



4282323748



4278462736



4280360768

Square

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



4278462736



4278200638



4281669428



4281932545

Rectangle

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



4278462736



4278200876



4281669428



4282389273

Sweetspot

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



4278462736



4280759852



4280101124



4279442454



4288453788



4280032284

Same Dimension

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



4278462736



4278203921



4278462754



4279374867



4278211611



4278244421

Inverse Universe

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



4280878109



4281729060



4280878091



4279505428



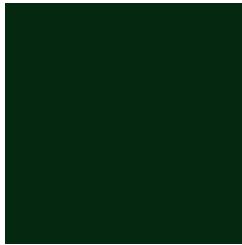
4283695161



4292083855

Previews

White Background



This preview shows how the Android color 4278462736 looks on a white background.

Color Contrast Check

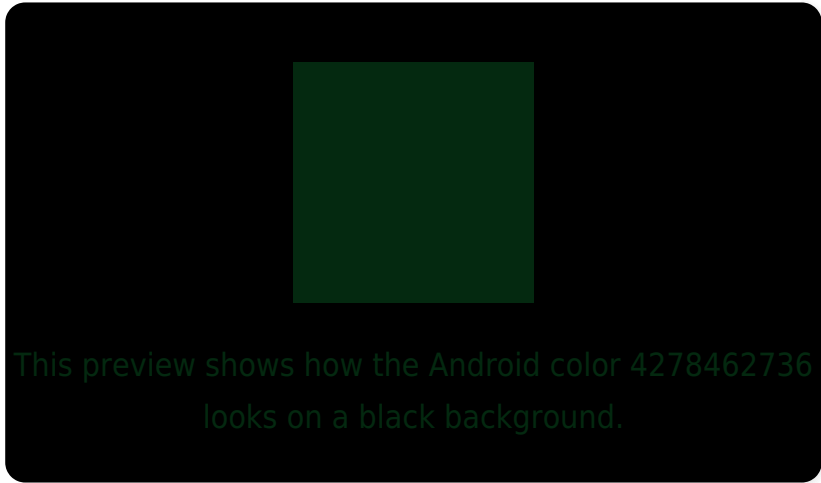
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278462736 Background



This preview shows how black text looks on a background with the Android color 4278462736.



This preview shows how white text looks on a background with the Android color 4278462736.

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

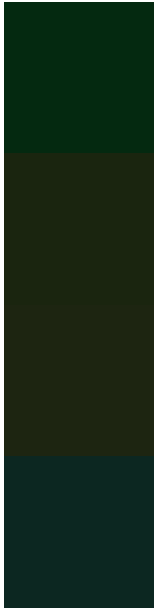


Original Color
4278462736

Protanopia
4280754958

Deuteranopia
4281016850

Trichromacy



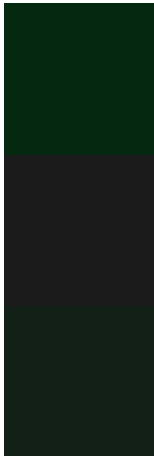
Original Color
4278462736

Protanomaly
4279903503

Deuteranomaly
4280100113

Tritanomaly
4278986529

Monochromacy



Original Color
4278462736

Achromatopsia
4279966491

Achromatomaly
4279443479

CSS Examples

Text

The CSS property to change the color of the text to Android 4278462736 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(4, 41, 16)` looks like.

```
.text, #text, p{  
    color:rgb(4, 41, 16)  
}
```

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(4, 41, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 41, 16) }
```

Border

The CSS property to change the border of an element to Android 4278462736 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(4, 41, 16) }
```

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

```
.border{ border-color:rgb(4, 41, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 41, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 41, 16); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 41, 16); box-shadow:4px  
4px 4px 4px rgb(4, 41, 16) }
```

Background

The CSS property to change the background color of an element to Android 4278462736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 41, 16) }
```

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

```
.background{ background-color: rgb(4, 41,  
16) }
```

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