

Converting Colors

Android(4280836396)

Have a look what the booklet for
Android(4280836396) contains.

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Color

Android(4280836396)

Conversions

Conversions Part 1

Format	Color
Hex	28612C
RGB	40, 97, 44
RGB Percent	16%, 38%, 17%
CMY	0.8431, 0.6196, 0.8275
CMYK	0.59, 0.00, 0.55, 0.62
HSL	124°, 42%, 27%
HSV	124°, 59%, 38%
XYZ	5.6044, 9.1824, 3.8599
YIQ	73.9150, -16.9590, -28.5670

Conversions

Conversions Part 2

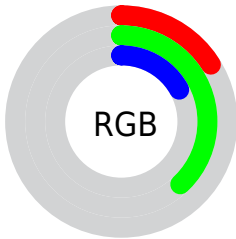
Format	Color
RYB	40, 93, 97
Decimal	2646316
CIELab	36.33, -30.96, 24.53
CIELCh	36, 39.502, 141.613
Yxy	9.1824, 0.3006, 0.4924
Android (android.graphics.Color)	4280836396 (0xFF28612C)
YUV	73.9150, -14.7481, -29.7435
Hunter-Lab	30.3024, -20.0159, 13.6594




Details

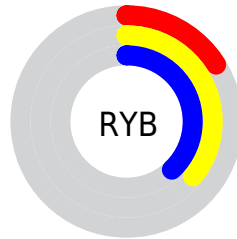
The Android color **4280836396** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4284557405**, and the grayscale version is **4283058762**.




A 20% lighter version of the original color is **4284191835**, and **4278202880** is the 20% darker color. If you saturate the color by 10%, you get **4280181027**, and if you desaturate by 10%, it is **4281491765**.

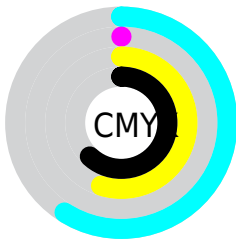
Distribution







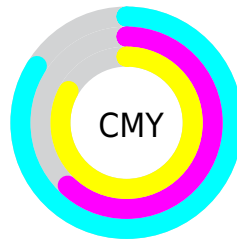
-  Red (16%)
-  Green (38%)
-  Blue (17%)






-  Red (16%)
-  Yellow (36%)
-  Blue (38%)



-  Cyan (59%)
-  Magenta (0%)
-  Yellow (55%)
-  Black (62%)



-  Cyan (84%)
-  Magenta (62%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280836396 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 4280836396 by changing the saturation by 10% instead.



4280836396



4280836396

4294967295



4278929686



4284191835



4278202880



4285902708



4278197760



4287679374



4278190080



4289456040



4291297220



4293132256

4294967293



4280836396



4280836396

■ 4280181027

■ 4281491765

■ 4279591194

■ 4282081598

■ 4278935825

■ 4282736967

■ 4278280456

■ 4283392336

■ 4278214919

■ 4284047705

■ 4284637538

■ 4285292907

■ 4285948276

■ 4286538109

Harmonies

Analogous

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



4283456277



4280836396



4278215755

Triad

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



4280836396



4278213780



4287576640

Complementary

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



4280836396



4284557405

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.



4287248736



4280836396



4282798481

Square

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



4280836396



4278215303



4285743997



4286858276

Rectangle

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



4280836396



4278216033



4285743997



4287576138

Sweetspot

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



4280836396



4284906856



4284309800



4281483315



4290756543



4282400832

Same Dimension

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



4280836396



4280581418



4280836424



4281085996



4278218760



4278251537

Inverse Universe

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



4284557405



4286391415



4284557377



4281347120



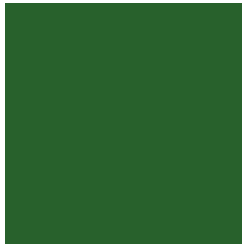
4285530216



4293918943

Previews

White Background



This preview shows how the Android color 4280836396 looks on a white background.

Color Contrast Check

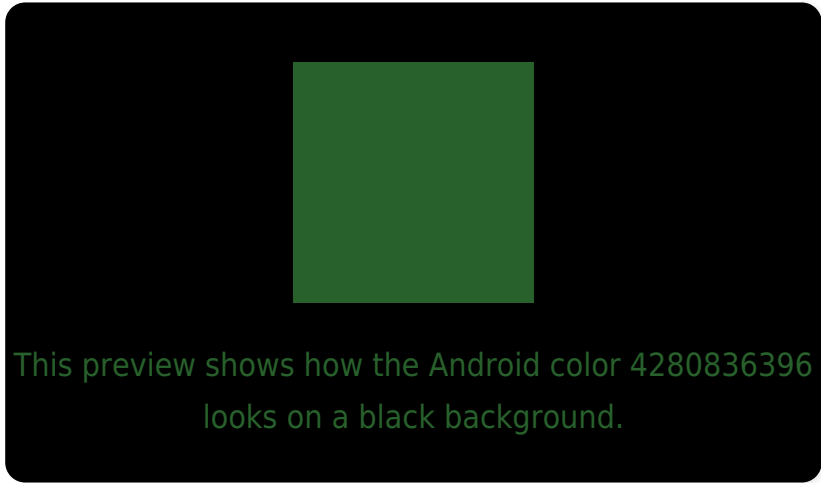
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280836396 Background



This preview shows how black text looks on a background with the Android color 4280836396.



This preview shows how white text looks on a background with the Android color 4280836396.

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
4280836396

Protanopia
4284372264

Deuteranopia
4285026608

Trichromacy



Original Color
4280836396

Protanomaly
4283062569

Deuteranomaly
4283520815

Tritanomaly
4281359695

Monochromacy



Original Color
4280836396

Achromatopsia
4283058762

Achromatomaly
4282274367

CSS Examples

Text

The CSS property to change the color of the text to Android 4280836396 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(40, 97, 44)` looks like.

```
.text, #text, p{  
    color:rgb(40, 97, 44)  
}
```

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(40, 97, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 97, 44) }
```

Border

The CSS property to change the border of an element to Android 4280836396 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(40, 97, 44) }
```

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

```
.border{ border-color:rgb(40, 97, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 97, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 97, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 97, 44);  
box-shadow:4px 4px 4px 4px rgb(40, 97, 44)  
}
```

Background

The CSS property to change the background color of an element to Android 4280836396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 97, 44) }
```

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

```
.background{ background-color: rgb(40, 97,  
44) }
```

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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