

Converting Colors

Android(4280362246)

Have a look what the booklet for
Android(4280362246) contains.

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Color

Android(4280362246)

Conversions

Conversions Part 1

Format	Color
Hex	212506
RGB	33, 37, 6
RGB Percent	13%, 15%, 2%
CMY	0.8706, 0.8549, 0.9765
CMYK	0.11, 0.00, 0.84, 0.85
HSL	68°, 72%, 8%
HSV	68°, 84%, 15%
XYZ	1.3216, 1.6596, 0.4230
YIQ	32.2700, 7.5670, -10.4890

Conversions

Conversions Part 2

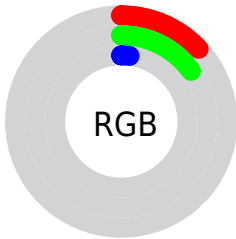
Format	Color
RYB	6, 37, 10
Decimal	2172166
CIELab	13.59, -7.30, 17.38
CIELCh	14, 18.851, 112.795
Yxy	1.6596, 0.3882, 0.4875
Android (android.graphics.Color)	4280362246 (0xFF212506)
YUV	32.2700, -12.9511, 0.6402
Hunter-Lab	12.8826, -4.2321, 7.0712

Details

The Android color **4280362246** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4278847013**, and the grayscale version is **4280295456**.

A 20% lighter version of the original color is **4283322931**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280362242**, and if you desaturate by 10%, it is **4280362250**.

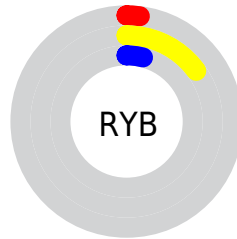
Distribution



Red (13%)

Green (15%)

Blue (2%)



Red (2%)

Yellow (15%)

Blue (4%)

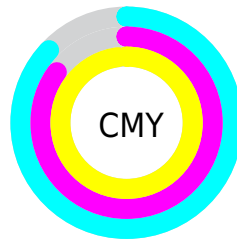


Cyan (11%)

Magenta (0%)

Yellow (84%)

Black (85%)



Cyan (87%)

Magenta (85%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280362246 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 4280362246 by changing the saturation by 10% instead.



4280362246



4280362246



4294967271



4278259968



4283322931



4278190080



4284901962



4286546786



4288257403



4290033813



4291875760



4293718219



4280362246



4280362246

■ 4280362242

■ 4280362250

■ 4280296704

■ 4280427789

■ 4280427793

■ 4280493333

■ 4280493336

■ 4280558876

■ 4280558880

■ 4280624420

■ 4280624423

Harmonies

Analogous

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



4281213187



4280362246



4279314450

Triad

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



4280362246



4278200375



4281931814

Complementary

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



4280362246



4278847013

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.



4281342771



4280362246



4278199613

Square

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



4280362246



4278200621



4280164667



4282062873

Rectangle

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



4280362246



4278331675



4280164667



4281801003

Sweetspot

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



4280362246



4281282596



4280617478



4279835154



4288256409



4279900698

Same Dimension

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



4280362246



4280954880



4279379206



4279374352



4282864128



4290171136

Inverse Universe

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



4278847013



4278583344



4279830053



4279242770



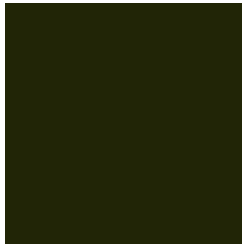
4278911058



4279959761

Previews

White Background



This preview shows how the Android color 4280362246 looks on a white background.

Color Contrast Check

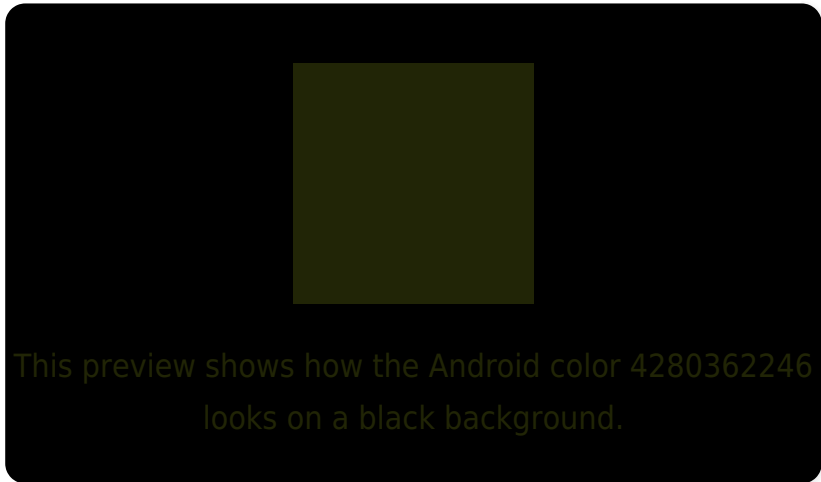
Large Text (above 18pt) WCAG AA ✓ Pass

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

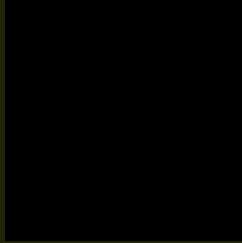
Any Text WCAG AA × Fail

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 4280362246 Background



This preview shows how black text looks on a background with the Android color 4280362246.

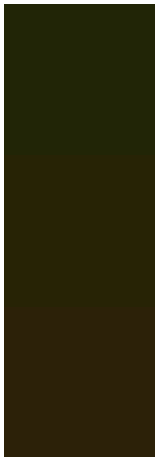


This preview shows how white text looks on a background with the Android color 4280362246.

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](#).

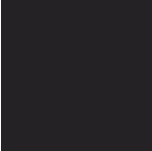
Dichromacy



Original Color
4280362246

Protanopia
4280754949

Deuteranopia
4281082120



Tritanopia
4280558117

Trichromacy



Original Color

4280362246

Protanomaly

4280624133

Deuteranomaly

4280820231

Tritanomaly

4280492826

Monochromacy



Original Color

4280362246

Achromatopsia

4280295456

Achromatomaly

4280295959

CSS Examples

Text

The CSS property to change the color of the text to Android 4280362246 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(33, 37, 6)` looks like.

```
.text, #text, p{  
    color:rgb(33, 37, 6)  
}
```

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(33, 37, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 37, 6) }
```

Border

The CSS property to change the border of an element to Android 4280362246 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(33, 37, 6) }
```

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

```
.border{ border-color:rgb(33, 37, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 37, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 37, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 37, 6); box-shadow:4px  
4px 4px 4px rgb(33, 37, 6) }
```

Background

The CSS property to change the background color of an element to Android 4280362246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 37, 6) }
```

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

```
.background{ background-color: rgb(33, 37,  
6) }
```

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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