

Converting Colors

Android(4280689930)

Have a look what the booklet for
Android(4280689930) contains.

Android(4280689930)	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(4280689930)

Conversions

Conversions Part 1

Format	Color
Hex	26250A
RGB	38, 37, 10
RGB Percent	15%, 15%, 4%
CMY	0.8510, 0.8549, 0.9608
CMYK	0.00, 0.03, 0.74, 0.85
HSL	58°, 58%, 9%
HSV	58°, 74%, 15%
XYZ	1.5157, 1.7571, 0.5464
YIQ	34.2210, 9.2630, -8.1850

Conversions

Conversions Part 2

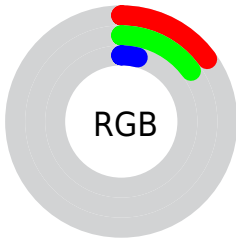
Format	Color
R_{YB}	11, 38, 10
Decimal	2499850
CIE Lab	14.16, -4.14, 16.59
CIE LCh	14, 17.101, 103.997
Yxy	1.7571, 0.3969, 0.4601
Android (android.graphics.Color)	4280689930 (0xFF26250A)
YUV	34.2210, -11.9410, 3.3142
Hunter-Lab	13.2556, -2.7872, 6.8349

Details

The Android color **4280689930** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4278848294**, and the grayscale version is **4280427042**.

A 20% lighter version of the original color is **4283650358**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280689926**, and if you desaturate by 10%, it is **4280689934**.

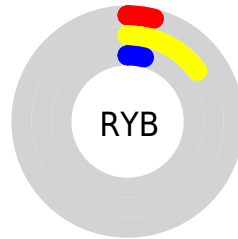
Distribution



Red (15%)

Green (15%)

Blue (4%)



Red (4%)

Yellow (15%)

Blue (4%)

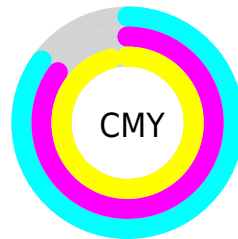


Cyan (0%)

Magenta (3%)

Yellow (74%)

Black (85%)



Cyan (85%)

Magenta (85%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280689930 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 4280689930 by changing the saturation by 10% instead.

 4280689930

 4280689930

 4294967274

 4278980608

 4283650358

 4278190080

 4285295181

 4287005541

 4288716158

 4290492568

 4292334515

 4294176974

 4280689930

 4280689930

■ 4280689926

■ 4280689934

■ 4280689922

■ 4280689938

■ 4280689920

■ 4280689941

■ 4280690201

■ 4280690205

■ 4280690209

■ 4280690213

■ 4280690216

■ 4280690220

Harmonies

Analogous

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



4281409803



4280689930



4279773202

Triad

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



4280689930



4278200628



4281801515

Complementary

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



4280689930



4278848294

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.



4281081653



4280689930



4278200123

Square

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



4280689930



4278200873



4279903035



4282063391

Rectangle

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



4280689930



4279052569



4279903035



4281605167

Sweetspot

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



4280689930



4281348134



4280683019



4279900435



4288256409



4279900698

Same Dimension

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



4280689930



4281347846



4279838218



4279374352



4283584256



4291938816

Inverse Universe

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



4278848294



4278585136



4279700006



4279242770



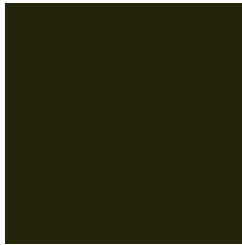
4278190930



4278192081

Previews

White Background



This preview shows how the Android color 4280689930 looks on a white background.

Color Contrast Check

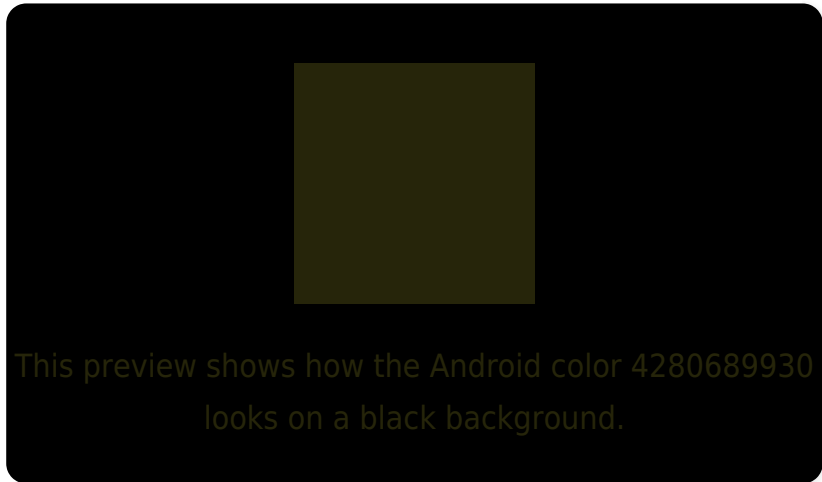
Large Text (above 18pt) WCAG AA ✓ Pass

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

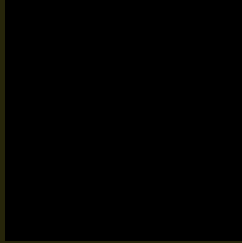
Any Text WCAG AA × Fail

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 4280689930 Background



This preview shows how black text looks on a background with the Android color 4280689930.

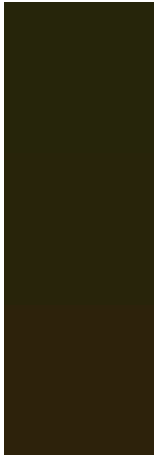


This preview shows how white text looks on a background with the Android color 4280689930.

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
4280689930

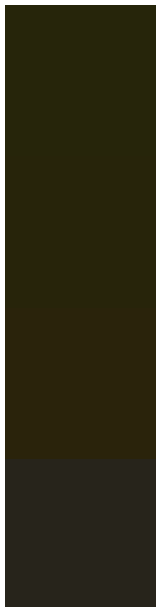
Protanopia
4280820746

Deuteranopia
4281147915



Tritanopia
4280820517

Trichromacy



Original Color

4280689930

Protanomaly

4280755210

Deuteranomaly

4280951563

Tritanomaly

4280755227

Monochromacy



Original Color

4280689930

Achromatopsia

4280427042

Achromatomaly

4280492825

CSS Examples

Text

The CSS property to change the color of the text to Android 4280689930 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(38, 37, 10)` looks like.

```
.text, #text, p{  
    color:rgb(38, 37, 10)  
}
```

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(38, 37, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 37, 10) }
```

Border

The CSS property to change the border of an element to Android 4280689930 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(38, 37, 10) }
```

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

```
.border{ border-color:rgb(38, 37, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 37, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 37, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 37, 10);  
box-shadow:4px 4px 4px 4px rgb(38, 37, 10)  
}
```

Background

The CSS property to change the background color of an element to Android 4280689930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 37, 10) }
```

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

```
.background{ background-color: rgb(38, 37,  
10) }
```

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