

Converting Colors

Android(4282602291)

Have a look what the booklet for
Android(4282602291) contains.

Android(4282602291)	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(4282602291)

Conversions

Conversions Part 1

Format	Color
Hex	435333
RGB	67, 83, 51
RGB Percent	26%, 33%, 20%
CMY	0.7373, 0.6745, 0.8000
CMYK	0.19, 0.00, 0.39, 0.67
HSL	90°, 24%, 26%
HSV	90°, 39%, 33%
XYZ	6.0055, 7.6188, 4.2860
YIQ	74.5680, 0.7360, -13.3440

Conversions

Conversions Part 2

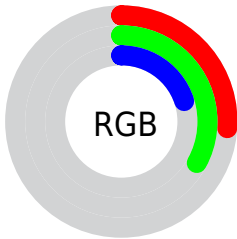
Format	Color
RYB	51, 83, 67
Decimal	4412211
CIELab	33.18, -12.82, 16.75
CIELCh	33, 21.094, 127.423
Yxy	7.6188, 0.3353, 0.4254
Android (android.graphics.Color)	4282602291 (0xFF435333)
YUV	74.5680, -11.6190, -6.6371
Hunter-Lab	27.6022, -9.4668, 10.1151

Details

The Android color `4282602291` is a dark color, and the websafe version is hex `666633`. A complement of this color would be `4282594131`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4285826402`, and `4279772678` is the 20% darker color. If you saturate the color by 10%, you get `4282340139`, and if you desaturate by 10%, it is `4282864443`.

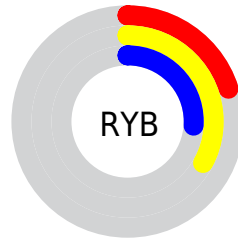
Distribution



Red (26%)

Green (33%)

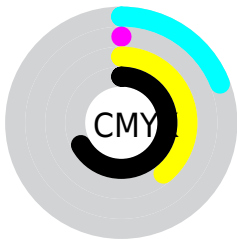
Blue (20%)



Red (20%)

Yellow (33%)

Blue (26%)

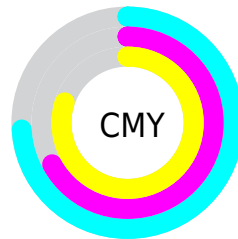


Cyan (19%)

Magenta (0%)

Yellow (39%)

Black (67%)



Cyan (74%)

Magenta (67%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282602291 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 4282602291 by changing the saturation by 10% instead.



4282602291



4282602291

4294967295



4281089053



4285826402



4279772678



4287471483



4278194944



4289247893



4278190080



4291024303



4292866763



4294770663



4282602291



4282602291



4282340139



4282864443

■ 4282077986

■ 4283126596

■ 4281815834

■ 4283388748

■ 4281488146

■ 4283716436

■ 4281225994

■ 4283978589

■ 4280963841

■ 4284240741

■ 4280898304

■ 4284502893

■ 4284765045

■ 4285027198

Harmonies

Analogous

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



4283780653



4282602291



4281292353

Triad

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



4282602291



4280308588



4285415754

Complementary

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



4282602291



4282594131

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.



4284891995



4282602291



4282207855

Square

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



4282602291



4278867554



4283779177



4285350715

Rectangle

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



4282602291



4280309580



4283779177



4285350224

Sweetspot

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



4282602291



4284836702



4283646771



4281480750



4290098613



4281742902

Same Dimension

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



4282602291



4283591482



4281553715



4280756517



4281624832



4285851648

Inverse Universe

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



4282594131



4283578987



4283642707



4280755497



4281598057



4285792488

Previews

White Background



This preview shows how the Android color 4282602291 looks on a white background.

Color Contrast Check

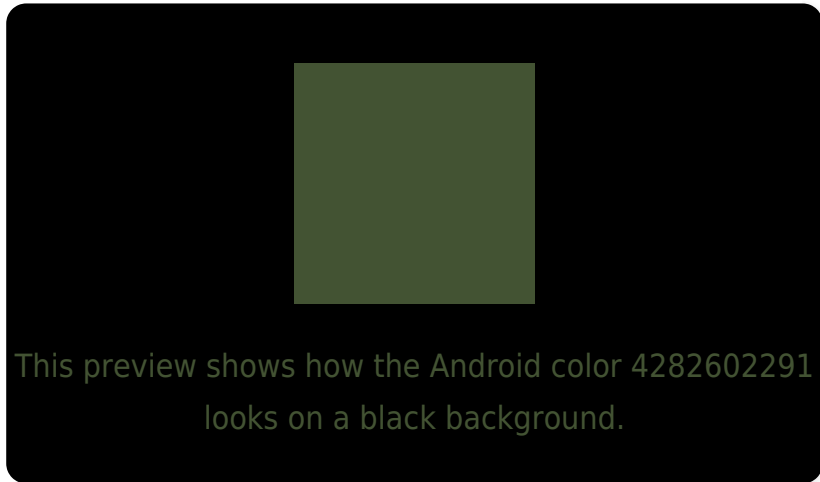
Large Text (above 18pt) WCAG AA ✓ Pass

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

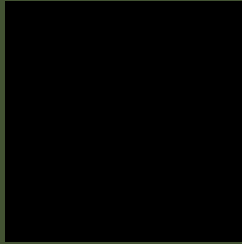
Any Text WCAG AA × Fail

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 4282602291 Background



This preview shows how black text looks on a background with the Android color 4282602291.



This preview shows how white text looks on a background with the Android color 4282602291.

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
4282602291

Protanopia
4283780657

Deuteranopia
4284303925



Tritanopia
4282928981

Trichromacy



Original Color
4282602291

Protanomaly
4283322418

Deuteranomaly
4283714868

Tritanomaly
4282798153

Monochromacy



Original Color
4282602291

Achromatopsia
4283124555

Achromatomaly
4282928706

CSS Examples

Text

The CSS property to change the color of the text to Android 4282602291 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(67, 83, 51)` looks like.

```
.text, #text, p{  
    color:rgb(67, 83, 51)  
}
```

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(67, 83, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 83, 51) }
```

Border

The CSS property to change the border of an element to Android 4282602291 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(67, 83, 51) }
```

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

```
.border{ border-color:rgb(67, 83, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 83, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 83, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 83, 51);  
box-shadow:4px 4px 4px 4px rgb(67, 83, 51)  
}
```

Background

The CSS property to change the background color of an element to Android 4282602291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 83, 51) }
```

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

```
.background{ background-color: rgb(67, 83,  
51) }
```

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