

Converting Colors

Android(4280644691)

Have a look what the booklet for
Android(4280644691) contains.

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Color

Android(4280644691)

Conversions

Conversions Part 1

Format	Color
Hex	257453
RGB	37, 116, 83
RGB Percent	15%, 45%, 33%
CMY	0.8549, 0.5451, 0.6745
CMYK	0.68, 0.00, 0.28, 0.55
HSL	155°, 52%, 30%
HSV	155°, 68%, 45%
XYZ	8.5697, 13.5086, 10.3394
YIQ	88.6170, -36.4910, -27.0110

Conversions

Conversions Part 2

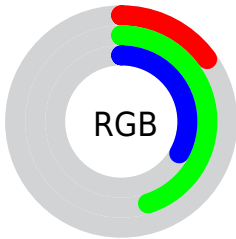
Format	Color
RYB	37, 87, 116
Decimal	2454611
CIELab	43.52, -32.35, 11.38
CIELCh	44, 34.288, 160.624
Yxy	13.5086, 0.2644, 0.4167
Android (android.graphics.Color)	4280644691 (0xFF257453)
YUV	88.6170, -2.7692, -45.2681
Hunter-Lab	36.7541, -22.7002, 9.0489

Details

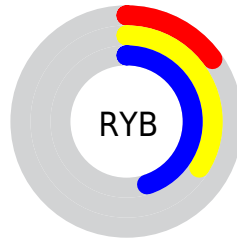
The Android color `4280644691` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4285801798`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4284262789`, and `4278207270` is the 20% darker color. If you saturate the color by 10%, you get `4279858254`, and if you desaturate by 10%, it is `4281431128`.

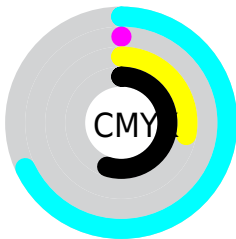
Distribution



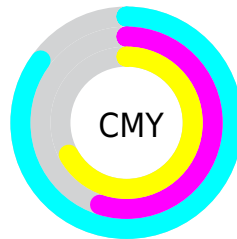
- Red (15%)
- Green (45%)
- Blue (33%)



- Red (15%)
- Yellow (34%)
- Blue (45%)



- Cyan (68%)
- Magenta (0%)
- Yellow (28%)
- Black (55%)



- Cyan (85%)
- Magenta (55%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280644691 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 4280644691 by changing the saturation by 10% instead.



4280644691



4280644691

4294967295



4278213436



4284262789



4278207270



4286039199



4278201361



4287815866



4278195456



4289658325



4278190080



4291493874



4293394431



4280644691



4280644691



4279858254



4281431128

■ 4279137353

■ 4282152029

■ 4278350916

■ 4282938466

■ 4278219844

■ 4283659366

■ 4284445803

■ 4285232240

■ 4285953141

■ 4286739578

■ 4287460479

Harmonies

Analogous

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



4283396154



4280644691



4278220144

Triad

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



4280644691



4283066015



4288173379

Complementary

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



4280644691



4285801798

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.



4288434014



4280644691



4285946770

Square

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



4280644691



4278218652



4287779450



4287061809

Rectangle

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



4280644691



4278220163



4287779450



4288369227

Sweetspot

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



4280644691



4286092938



4282872869



4282010949



4291611852



4283256141

Same Dimension

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



4280644691



4279998051



4280643444



4281678648



4278221383



4278254226

Inverse Universe

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



4285801798



4288027471



4285803045



4282070327



4286185523



4294574184

Previews

White Background



This preview shows how the Android color 4280644691 looks on a white background.

Color Contrast Check

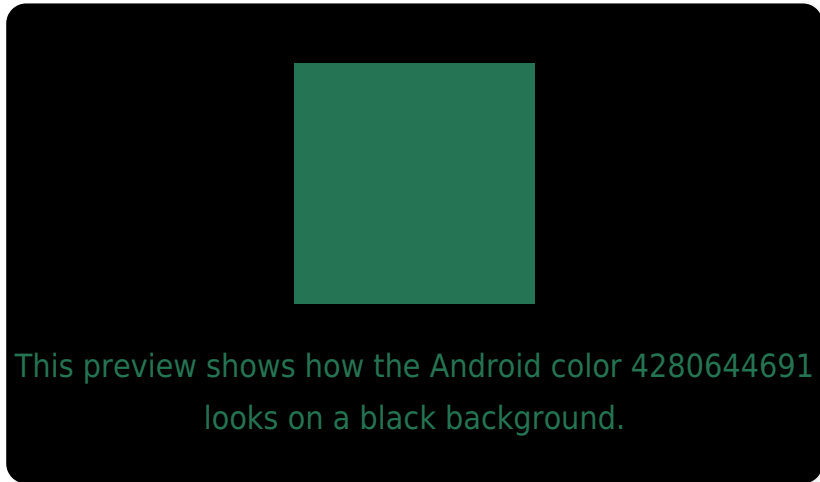
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4280644691 Background



This preview shows how black text looks on a background with the Android color 4280644691.



This preview shows how white text looks on a background with the Android color 4280644691.

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
4280644691

Protanopia
4285425229

Deuteranopia
4285948503

Trichromacy



Original Color
4280644691

Protanomaly
4283657039

Deuteranomaly
4284049750

Tritanomaly
4281299307

Monochromacy



Original Color
4280644691

Achromatopsia
4284045657

Achromatomaly
4282803031

CSS Examples

Text

The CSS property to change the color of the text to Android 4280644691 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(37, 116, 83)` looks like.

```
.text, #text, p{  
    color:rgb(37, 116, 83)  
}
```

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(37, 116, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 116, 83) }
```

Border

The CSS property to change the border of an element to Android 4280644691 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(37, 116, 83) }
```

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

```
.border{ border-color:rgb(37, 116, 83) }
```

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

Here you see how a box with a 4 pixel rgb(37, 116, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 116, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 116, 83);  
box-shadow:4px 4px 4px 4px rgb(37, 116,  
83) }
```

Background

The CSS property to change the background color of an element to Android 4280644691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 116, 83) }
```

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

```
.background{ background-color: rgb(37, 116,  
83) }
```

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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