

Converting Colors

Android(4281682291)

Have a look what the booklet for
Android(4281682291) contains.

Android(4281682291)	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(4281682291)

Conversions

Conversions Part 1

Format	Color
Hex	354973
RGB	53, 73, 115
RGB Percent	21%, 29%, 45%
CMY	0.7922, 0.7137, 0.5490
CMYK	0.54, 0.37, 0.00, 0.55
HSL	221°, 37%, 33%
HSV	221°, 54%, 45%
XYZ	6.9453, 6.7598, 17.1584
YIQ	71.8080, -25.4020, 8.8220

Conversions

Conversions Part 2

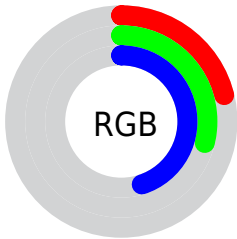
Format	Color
R_{YB}	53, 68, 115
Decimal	3492211
CIE _{Lab}	31.25, 5.36, -26.56
CIE _{LCh}	31, 27.091, 281.403
Yxy	6.7598, 0.2250, 0.2190
Android (android.graphics.Color)	4281682291 (0xFF354973)
YUV	71.8080, 21.2937, -16.4946
Hunter-Lab	25.9996, 2.1834, -20.9286

Details

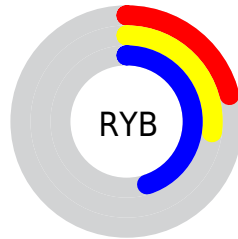
The Android color `4281682291` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4285751093`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4285036967`, and `4278197827` is the 20% darker color. If you saturate the color by 10%, you get `4280959347`, and if you desaturate by 10%, it is `4282470771`.

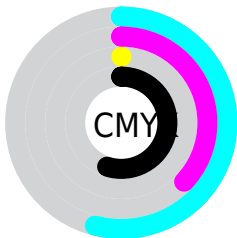
Distribution



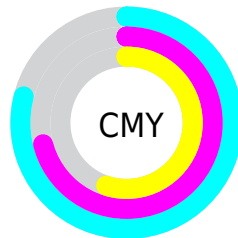
- Red (21%)
- Green (29%)
- Blue (45%)



- Red (21%)
- Yellow (27%)
- Blue (45%)



- Cyan (54%)
- Magenta (37%)
- Yellow (0%)
- Black (55%)



- Cyan (79%)
- Magenta (71%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281682291 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 4281682291 by changing the saturation by 10% instead.



4281682291



4281682291

4294967295



4279972698



4285036967



4278197827



4286747587



4278191148



4288523999



4278190359



4290365947



4278190080



4292208127



4294049791



4281682291



4281682291



4280959347



4282470771

■ 4280170867

■ 4283193715

■ 4279382643

■ 4283981939

■ 4278659699

■ 4284704883

■ 4278199667

■ 4285493363

■ 4286216307

■ 4287004787

■ 4287727475

■ 4288450419

Harmonies

Analogous

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



4278210417



4281682291



4283842921

Triad

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



4281682291



4285414447



4279718715

Complementary

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



4281682291



4285751093

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.



4281815081



4281682291



4284564513

Square

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



4281682291



4285675586



4283321118



4278211665

Rectangle

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



4281682291



4284824670



4283321118



4280570676

Sweetspot

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



4281682291



4286482070



4281693022



4282270541



4291611852



4283256141

Same Dimension

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



4281682291



4281685142



4282332531



4281677627



4278200186



4278211066

Inverse Universe

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



4285740361



4288034132



4285100853



4282070327



4286185511



4294574161

Previews

White Background



This preview shows how the Android color 4281682291 looks on a white background.

Color Contrast Check

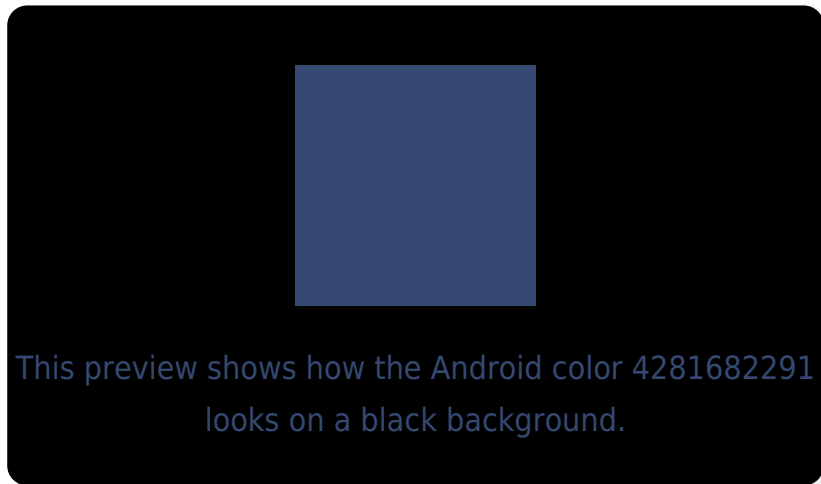
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281682291 Background



This preview shows how black text looks on a background with the Android color 4281682291.



This preview shows how white text looks on a background with the Android color 4281682291.

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

4281682291

Protanopia

4282009714

Deuteranopia

4281551219

Trichromacy



Original Color
4281682291

Protanomaly
4281878642

Deuteranomaly
4281616755

Tritanomaly
4281224544

Monochromacy



Original Color
4281682291

Achromatopsia
4282927176

Achromatomaly
4282468440

CSS Examples

Text

The CSS property to change the color of the text to Android 4281682291 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(53, 73, 115)` looks like.

```
.text, #text, p{  
    color:rgb(53, 73, 115)  
}
```

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(53, 73, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 73, 115) }
```

Border

The CSS property to change the border of an element to Android 4281682291 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(53, 73, 115) }
```

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

```
.border{ border-color:rgb(53, 73, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 73, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 73, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 73, 115);  
box-shadow:4px 4px 4px 4px rgb(53, 73,  
115) }
```

Background

The CSS property to change the background color of an element to Android 4281682291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 73, 115) }
```

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

```
.background{ background-color: rgb(53, 73,  
115) }
```

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