

Converting Colors

Android(4280043690)

Have a look what the booklet for
Android(4280043690) contains.

Android(4280043690)	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(4280043690)

Conversions

Conversions Part 1

Format	Color
Hex	1C48AA
RGB	28, 72, 170
RGB Percent	11%, 28%, 67%
CMY	0.8902, 0.7176, 0.3333
CMYK	0.84, 0.58, 0.00, 0.33
HSL	221°, 72%, 39%
HSV	221°, 84%, 67%
XYZ	10.0520, 7.7839, 39.0029
YIQ	70.0160, -57.6820, 21.1500

Conversions

Conversions Part 2

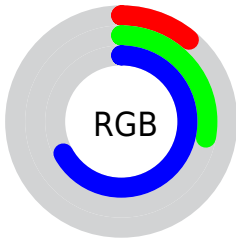
Format	Color
R_{YB}	28, 62, 170
Decimal	1853610
CIE Lab	33.53, 22.97, -56.65
CIE LCh	34, 61.123, 292.069
Yxy	7.7839, 0.1769, 0.1369
Android (android.graphics.Color)	4280043690 (0xFF1C48AA)
YUV	70.0160, 49.2921, -36.8480
Hunter-Lab	27.8996, 15.4874, -63.3560

Details

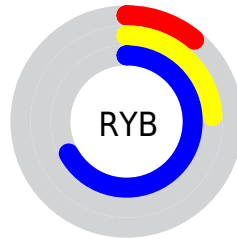
The Android color `4280043690` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4289363484`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4284643554`, and `4278197877` is the 20% darker color. If you saturate the color by 10%, you get `4278926506`, and if you desaturate by 10%, it is `4281160874`.

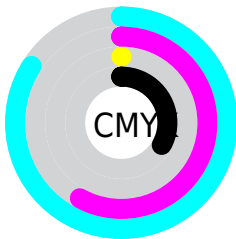
Distribution



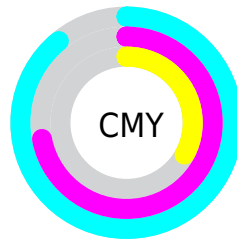
- Red (11%)
- Green (28%)
- Blue (67%)



- Red (11%)
- Yellow (24%)
- Blue (67%)



- Cyan (84%)
- Magenta (58%)
- Yellow (0%)
- Black (33%)



- Cyan (89%)
- Magenta (72%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280043690 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 4280043690 by changing the saturation by 10% instead.

 4280043690

 4280043690

4294967295

 4278203023

 4284643554

 4278197877

 4286616063

 4278192219

 4288589055

 4278191939

 4290496511

 4278190892

 4292469759

 4278190358

 4294443007

 4278190080

 4280043690

 4280043690

 4278926506

 4281160874

■ 4278203818

■ 4282277802

■ 4283394986

■ 4284512170

■ 4285629354

■ 4286746282

■ 4287863466

■ 4288980650

■ 4290097834

Harmonies

Analogous

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



4278213040



4280043690



4286196619

Triad

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



4280043690



4287442944



4278215232

Complementary

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



4280043690



4289363484

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.



4278214406



4280043690



4285286400

Square

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



4280043690



4288677678



4282341120



4278215538

Rectangle

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



4280043690



4287893358



4282341120



4278214959

Sweetspot

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



4280043690



4289116382



4280068733



4283390320



4293980400



4285558896

Same Dimension

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



4280043690



4278207966



4281736362



4283190868



4278202004



4278191636

Inverse Universe

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



4289338440



4292739141



4287670812



4283714638



4287889454



4279500806

Previews

White Background



This preview shows how the Android color 4280043690 looks on a white background.

Color Contrast Check

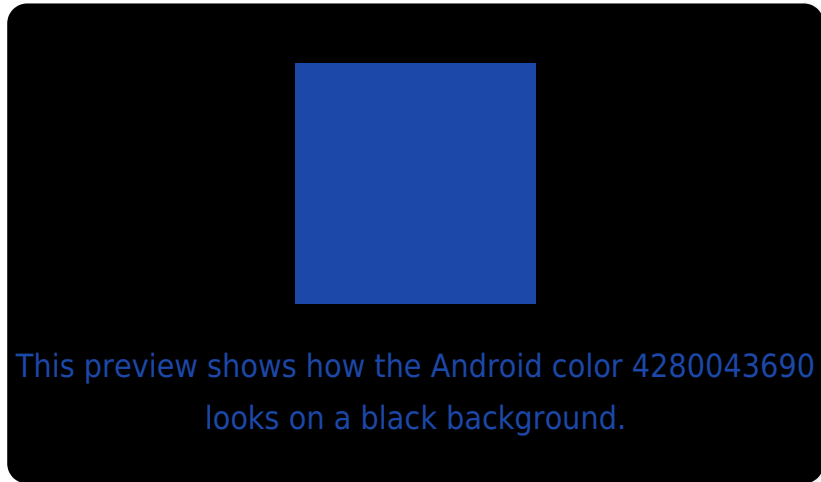
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280043690 Background



This preview shows how black text looks on a background with the Android color 4280043690.



This preview shows how white text looks on a background with the Android color 4280043690.

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

4280043690

Protanopia

4278209697

Deuteranopia

4278210954

Trichromacy



Original Color

4280043690

Protanomaly

4278864804

Deuteranomaly

4278865558

Tritanomaly

4278866553

Monochromacy



Original Color

4280043690

Achromatopsia

4282795590

Achromatomaly

4281812842

CSS Examples

Text

The CSS property to change the color of the text to Android 4280043690 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(28, 72, 170)` looks like.

```
.text, #text, p{  
    color:rgb(28, 72, 170)  
}
```

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(28, 72, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 72, 170) }
```

Border

The CSS property to change the border of an element to Android 4280043690 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(28, 72, 170) }
```

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

```
.border{ border-color:rgb(28, 72, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 72, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 72, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 72, 170);  
box-shadow:4px 4px 4px 4px rgb(28, 72,  
170) }
```

Background

The CSS property to change the background color of an element to Android 4280043690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 72, 170) }
```

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

```
.background{ background-color: rgb(28, 72,  
170) }
```

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