

Converting Colors

Android(4280706692)

Have a look what the booklet for
Android(4280706692) contains.

Android(4280706692)	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(4280706692)

Conversions

Conversions Part 1

Format	Color
Hex	266684
RGB	38, 102, 132
RGB Percent	15%, 40%, 52%
CMY	0.8510, 0.6000, 0.4824
CMYK	0.71, 0.23, 0.00, 0.48
HSL	199°, 55%, 33%
HSV	199°, 71%, 52%
XYZ	9.7156, 11.5808, 23.5530
YIQ	86.2840, -47.7740, -4.2380

Conversions

Conversions Part 2

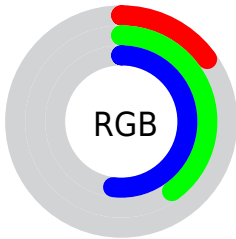
Format	Color
R_{YB}	38, 76, 132
Decimal	2516612
CIE _{Lab}	40.54, -9.93, -22.57
CIE _{LCh}	41, 24.661, 246.250
Yxy	11.5808, 0.2166, 0.2582
Android (android.graphics.Color)	4280706692 (0xFF266684)
YUV	86.2840, 22.5380, -42.3451
Hunter-Lab	34.0305, -8.5924, -17.2142

Details

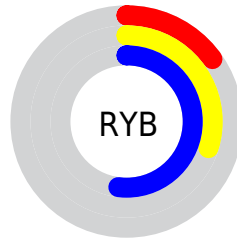
The Android color `4280706692` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4286858278`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4284455353`, and `4278204242` is the 20% darker color. If you saturate the color by 10%, you get `4279853700`, and if you desaturate by 10%, it is `4281559684`.

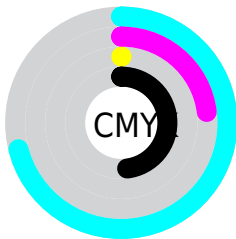
Distribution



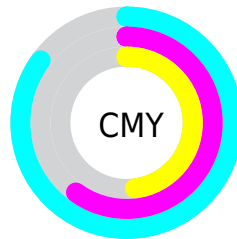
- Red (15%)
- Green (40%)
- Blue (52%)



- Red (15%)
- Yellow (30%)
- Blue (52%)



- Cyan (71%)
- Magenta (23%)
- Yellow (0%)
- Black (48%)



- Cyan (85%)
- Magenta (60%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280706692 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 4280706692 by changing the saturation by 10% instead.

 4280706692

 4280706692

4294967295

 4278210155

 4284455353

 4278204242

 4286297301

 4278198843

 4288073713

 4278191654

 4289981439

 4278190351

 4291821567


 4278190080

 4293722111

 4280706692

 4280706692

 4279853700

 4281559684

■ 4279000708

■ 4282412676

■ 4278213252

■ 4283331460

■ 4284184452

■ 4285037444

■ 4285890436

■ 4286743428

■ 4287662212

■ 4288515204

Harmonies

Analogous

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



4278806903



4280706692



4282998919

Triad

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



4280706692



4286992476



4283655486

Complementary

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



4280706692



4286858278

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.



4285095991



4280706692



4286927689

Square

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



4280706692



4286337648



4286208315



4282018127

Rectangle

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



4280706692



4284373892



4286208315



4284179515

Sweetspot

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



4280706692



4287078315



4280714308



4282470487



4292269782



4283914071

Same Dimension

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



4280706692



4279926187



4280694660



4282138690



4278212994



4278190595

Inverse Universe

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



4286850662



4289403517



4286870310



4282530880



4286709849



4278386690

Previews

White Background



This preview shows how the Android color 4280706692 looks on a white background.

Color Contrast Check

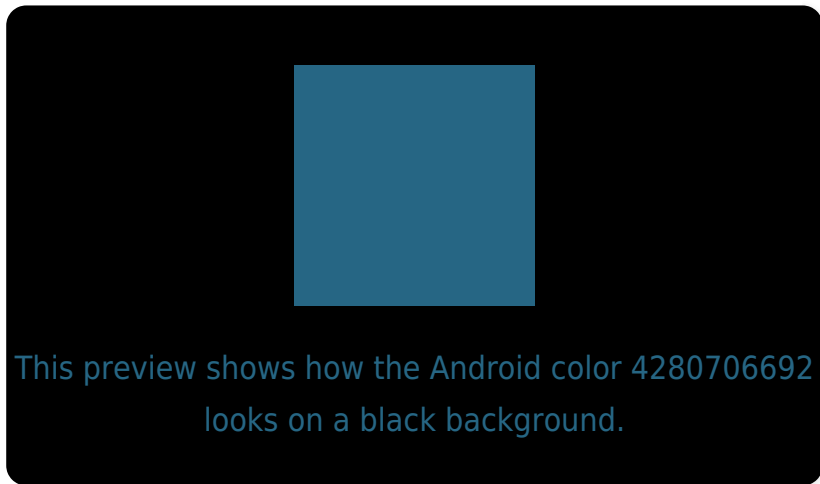
Large Text (above 18pt) WCAG AA ✓ Pass

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

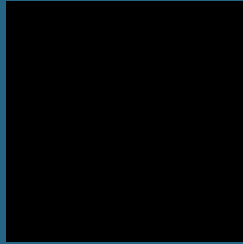
Any Text WCAG AA × Fail

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 4280706692 Background



This preview shows how black text looks on a background with the Android color 4280706692.



This preview shows how white text looks on a background with the Android color 4280706692.

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
4280706692

Protanopia
4283850366

Deuteranopia
4283588230

Trichromacy



Original Color

4280706692

Protanomaly

4282737024

Deuteranomaly

4282540421

Tritanomaly

4280117369

Monochromacy



Original Color

4280706692

Achromatopsia

4283848278

Achromatomaly

4282735719

CSS Examples

Text

The CSS property to change the color of the text to Android 4280706692 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, 102, 132)` looks like.

```
.text, #text, p{  
    color:rgb(38, 102, 132)  
}
```

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, 102, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 102, 132) }
```

Border

The CSS property to change the border of an element to Android 4280706692 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, 102, 132) }
```

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

```
.border{ border-color:rgb(38, 102, 132) }
```

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

Here you see how a box with a 4 pixel rgb(38, 102, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 102, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 102, 132);  
box-shadow:4px 4px 4px 4px rgb(38, 102,  
132) }
```

Background

The CSS property to change the background color of an element to Android 4280706692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 102, 132) }
```

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

```
.background{ background-color: rgb(38, 102,  
132) }
```

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