

Converting Colors

Android(4280706676)

Have a look what the booklet for
Android(4280706676) contains.

Android(4280706676)	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(4280706676)

Conversions

Conversions Part 1

Format	Color
Hex	266674
RGB	38, 102, 116
RGB Percent	15%, 40%, 45%
CMY	0.8510, 0.6000, 0.5451
CMYK	0.67, 0.12, 0.00, 0.55
HSL	191°, 51%, 30%
HSV	191°, 67%, 45%
XYZ	8.7031, 11.1758, 18.2214
YIQ	84.4600, -42.6380, -9.2140

Conversions

Conversions Part 2

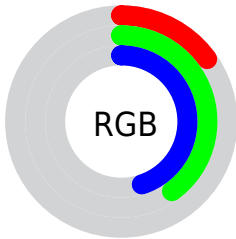
Format	Color
RYB	38, 73, 116
Decimal	2516596
CIELab	39.87, -15.48, -13.88
CIELCh	40, 20.789, 221.881
Yxy	11.1758, 0.2284, 0.2933
Android (android.graphics.Color)	4280706676 (0xFF266674)
YUV	84.4600, 15.5492, -40.7454
Hunter-Lab	33.4302, -12.0328, -8.9155

Details

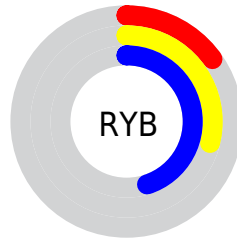
The Android color `4280706676` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285805606`, and the grayscale version is `4283716692`.

A 20% lighter version of the original color is `4284324264`, and `4278204228` is the 20% darker color. If you saturate the color by 10%, you get `4279919732`, and if you desaturate by 10%, it is `4281493620`.

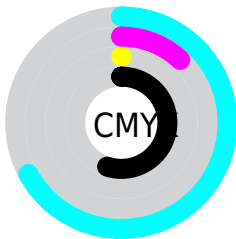
Distribution



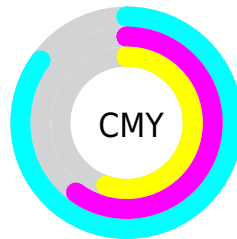
- Red (15%)
- Green (40%)
- Blue (45%)



- Red (15%)
- Yellow (29%)
- Blue (45%)



- Cyan (67%)
- Magenta (12%)
- Yellow (0%)
- Black (55%)



- Cyan (85%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280706676 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 4280706676 by changing the saturation by 10% instead.



4280706676



4280706676

4294967295



4278210139



4284324264



4278204228



4286100675



4278198574



4287877343



4278190362



4289719548



4278190080



4291559423



4293459967



4280706676



4280706676



4279919732



4281493620

■ 4279198324

■ 4282215028

■ 4278411380

■ 4283001972

■ 4278214516

■ 4283723380

■ 4284510324

■ 4285297268

■ 4286018932

■ 4286805876

■ 4287527284

Harmonies

Analogous

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



4280969060



4280706676



4281885566

Triad

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



4280706676



4286141033



4284702525

Complementary

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



4280706676



4285805606

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.



4285749566



4280706676



4286599512

Square

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



4280706676



4285093751



4286403656



4283458628

Rectangle

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



4280706676



4282998656



4286403656



4285095228

Sweetspot

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



4280706676



4286091670



4280710195



4282009933



4291611852



4283256141

Same Dimension

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



4280706676



4280123798



4280696948



4281678395



4278215802



4278242810

Inverse Universe

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



4285802086



4288028033



4285815334



4282070330



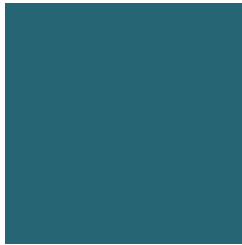
4286185572



4294574285

Previews

White Background



This preview shows how the Android color 4280706676 looks on a white background.

Color Contrast Check

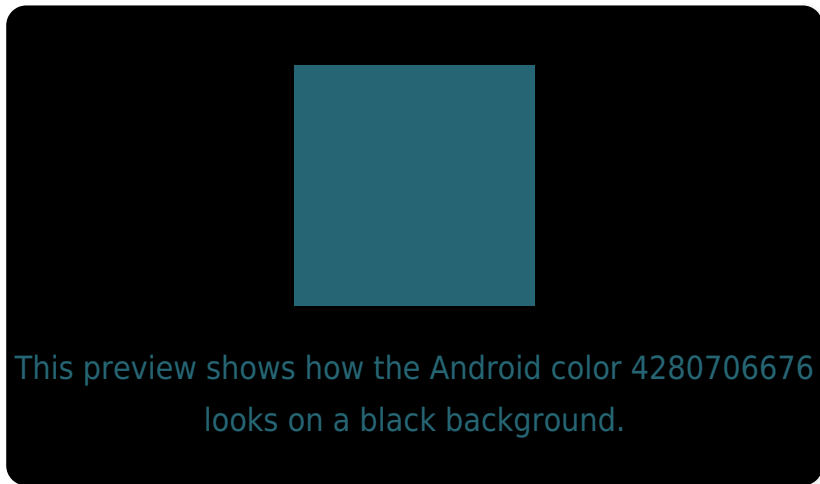
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280706676 Background



This preview shows how black text looks on a background with the Android color 4280706676.



This preview shows how white text looks on a background with the Android color 4280706676.

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

4280706676

Protanopia

4284112238

Deuteranopia

4284111990

Trichromacy



Original Color
4280706676

Protanomaly
4282867824

Deuteranomaly
4282867829

Tritanomaly
4280575857

Monochromacy



Original Color
4280706676

Achromatopsia
4283716692

Achromatomaly
4282604384

CSS Examples

Text

The CSS property to change the color of the text to Android 4280706676 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(38, 102, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 102, 116) }
```

Border

The CSS property to change the border of an element to Android 4280706676 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, 116) }
```

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

```
.border{ border-color:rgb(38, 102, 116) }
```

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, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 102, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 102, 116);  
box-shadow:4px 4px 4px 4px rgb(38, 102,  
116) }
```

Background

The CSS property to change the background color of an element to Android 4280706676 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, 116) }
```

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

```
.background{ background-color: rgb(38, 102,  
116) }
```

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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