

Converting Colors

Android(4278217605)

Have a look what the booklet for
Android(4278217605) contains.

Android(4278217605)	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(4278217605)

Conversions

Conversions Part 1

Format	Color
Hex	006B85
RGB	0, 107, 133
RGB Percent	0%, 42%, 52%
CMY	1.0000, 0.5804, 0.4784
CMYK	1.00, 0.20, 0.00, 0.48
HSL	192°, 100%, 26%
HSV	192°, 100%, 52%
XYZ	9.4913, 12.2088, 24.0466
YIQ	77.9710, -72.1180, -14.5980

Conversions

Conversions Part 2

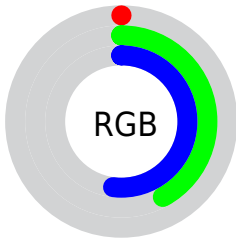
Format	Color
RYB	0, 59, 133
Decimal	27525
CIELab	41.55, -16.07, -21.67
CIELCh	42, 26.983, 233.440
Yxy	12.2088, 0.2075, 0.2669
Android (android.graphics.Color)	4278217605 (0xFF006B85)
YUV	77.9710, 27.1293, -68.3806
Hunter-Lab	34.9412, -12.6597, -16.3447

Details

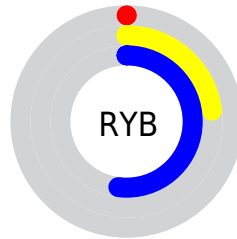
The Android color `4278217605` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4286913024`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4283473594`, and `4278205267` is the 20% darker color. If you saturate the color by 10%, you get `4278217605`, and if you desaturate by 10%, it is `4279070341`.

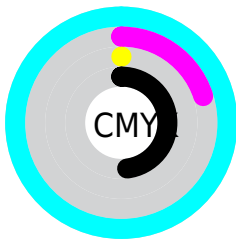
Distribution



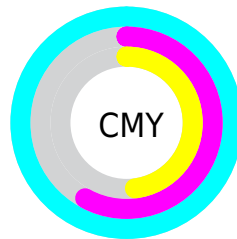
- Red (0%)
- Green (42%)
- Blue (52%)



- Red (0%)
- Yellow (23%)
- Blue (52%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278217605 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 4278217605 by changing the saturation by 10% instead.



4278217605



4278217605

4294967295



4278211436



4283473594



4278205267



4285381078



4278199868



4287223282



4278193446



4289131263



4278190352



4291035135



4278190080



4292935679

4294901759



4278217605

■ 4279070341

■ 4279988357

■ 4280841093

■ 4281693573

■ 4282611845

■ 4283464581

■ 4284317061

■ 4285169797

■ 4286087813

Harmonies

Analogous

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



4278218355



4278217605



4281820814

Triad

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



4278217605



4287189352



4284442168

Complementary

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



4278217605



4286913024

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.



4285882166



4278217605



4287451730

Square

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



4278217605



4286142077



4286928703



4282739527

Rectangle

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



4278217605



4283589005



4286928703



4284900406

Sweetspot

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



4278217605



4286161837



4278224152



4281815383



4292269782



4283914071

Same Dimension

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



4278217605



4278226093



4278200965



4282138946



4278217090



4278190595

Inverse Universe

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



4286906475



4289527948



4286929664



4282530881



4286709865



4278386690

Previews

White Background



This preview shows how the Android color 4278217605 looks on a white background.

Color Contrast Check

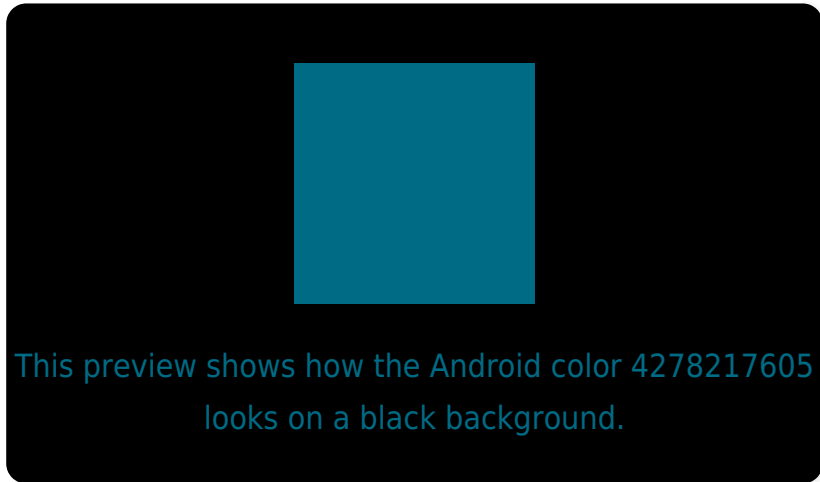
Large Text (above 18pt) WCAG AA ✓ Pass

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

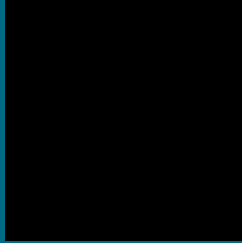
Any Text WCAG AA × Fail

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 4278217605 Background



This preview shows how black text looks on a background with the Android color 4278217605.

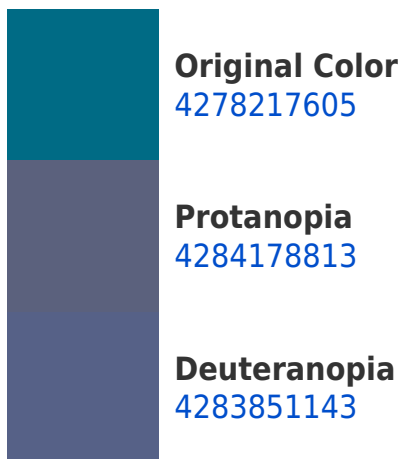


This preview shows how white text looks on a background with the Android color 4278217605.

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



Trichromacy



Original Color
4278217605

Protanomaly
4282017152

Deuteranomaly
4281820550

Tritanomaly
4278217851

Monochromacy



Original Color
4278217605

Achromatopsia
4283321934

Achromatomaly
4281489762

CSS Examples

Text

The CSS property to change the color of the text to Android 4278217605 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(0, 107, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 107, 133)  
}
```

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(0, 107, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 107, 133) }
```

Border

The CSS property to change the border of an element to Android 4278217605 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(0, 107, 133) }
```

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

```
.border{ border-color:rgb(0, 107, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 107, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 107, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 107, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 107,  
133) }
```

Background

The CSS property to change the background color of an element to Android 4278217605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 107, 133) }
```

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

```
.background{ background-color: rgb(0, 107,  
133) }
```

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