

Converting Colors

Android(4278218390)

Have a look what the booklet for
Android(4278218390) contains.

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Color

Android(4278218390)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 006E96 |
| RGB | 0, 110, 150 |
| RGB Percent | 0%, 43%, 59% |
| CMY | 1.0000, 0.5686, 0.4118 |
| CMYK | 1.00, 0.27, 0.00, 0.41 |
| HSL | 196°, 100%, 29% |
| HSV | 196°, 100%, 59% |
| XYZ | 11.0810, 13.3539, 30.8477 |
| YIQ | 81.6700, -78.4000, -10.8800 |

Conversions

Conversions Part 2

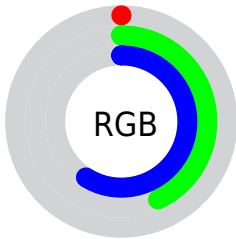
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 63, 150 |
| Decimal | 28310 |
| CIELab | 43.29, -11.31, -29.13 |
| CIElCh | 43, 31.248, 248.782 |
| Yxy | 13.3539, 0.2004, 0.2416 |
| Android (android.graphics.Color) | 4278218390 (0xFF006E96) |
| YUV | 81.6700, 33.6867, -71.6246 |
| Hunter-Lab | 36.5429, -9.8234, -24.4695 |

Details

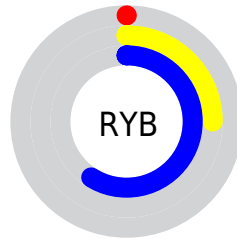
The Android color `4278218390` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288030720`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4283736780`, and `4278206307` is the 20% darker color. If you saturate the color by 10%, you get `4278218390`, and if you desaturate by 10%, it is `4279202454`.

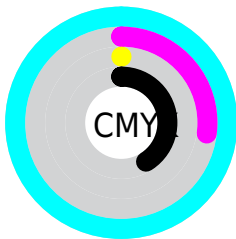
Distribution



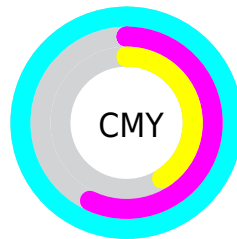
- Red (0%)
- Green (43%)
- Blue (59%)



- Red (0%)
- Yellow (25%)
- Blue (59%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (57%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278218390 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 4278218390 by changing the saturation by 10% instead.

 4278218390

 4278218390

4294967295

 4278212220

 4283736780

 4278206307

 4285709801

 4278200651

 4287617279

 4278195508

 4289525247

 4278190622

 4291428351

 4278190081

 4293394431

 4278190080

 4278218390

 4279202454

■ 4280186518

■ 4281170582

■ 4282154646

■ 4283138710

■ 4284122774

■ 4285106838

■ 4286090902

■ 4287074966

Harmonies

Analogous

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



4278219398



4278218390



4283131545

Triad

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



4278218390



4288106848



4283657789

Complementary

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



4278218390



4288030720

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.



4285490994



4278218390



4287911495

Square

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



4278218390



4287386746



4286996022



4281365075

Rectangle

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



4278218390



4284965012



4286996022



4284312632

Sweetspot

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



4278218390



4287148738



4278228520



4282275937



4292927712



4284572001

Same Dimension

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



4278218390



4278226626



4278199190



4282599498



4278216074



4278191882

Inverse Universe

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



4288020590



4290904206



4288049920



4283056968



4287234149



4278845447

Previews

White Background



This preview shows how the Android color 4278218390 looks on a white background.

Color Contrast Check

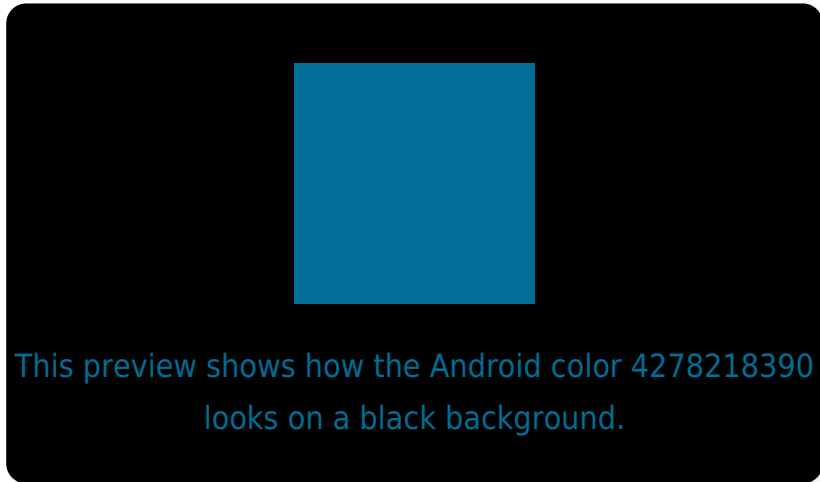
Large Text (above 18pt) WCAG AA ✓ Pass

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

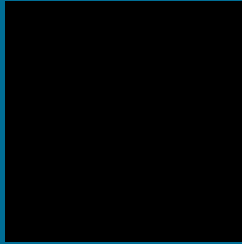
Any Text WCAG AA × Fail

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 4278218390 Background



This preview shows how black text looks on a background with the Android color 4278218390.

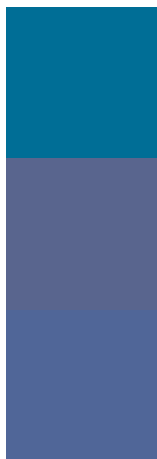


This preview shows how white text looks on a background with the Android color 4278218390.

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
4278218390

Protanopia
4284048782

Deuteranopia
4283459224

Trichromacy



Original Color
4278218390

Protanomaly
4281952401

Deuteranomaly
4281559447

Tritanomaly
4278219140

Monochromacy



Original Color
4278218390

Achromatopsia
4283585106

Achromatomaly
4281621611

CSS Examples

Text

The CSS property to change the color of the text to Android 4278218390 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, 110, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 150)  
}
```

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, 110, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 150) }
```

Border

The CSS property to change the border of an element to Android 4278218390 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, 110, 150) }
```

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

```
.border{ border-color:rgb(0, 110, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
150) }
```

Background

The CSS property to change the background color of an element to Android 4278218390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 150) }
```

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

```
.background{ background-color: rgb(0, 110,  
150) }
```

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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