

Converting Colors

Android(4278217390)

Have a look what the booklet for
Android(4278217390) contains.

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Color

Android(4278217390)

Conversions

Conversions Part 1

Format	Color
Hex	006AAE
RGB	0, 106, 174
RGB Percent	0%, 42%, 68%
CMY	1.0000, 0.5843, 0.3176
CMYK	1.00, 0.39, 0.00, 0.32
HSL	203°, 100%, 34%
HSV	203°, 100%, 68%
XYZ	12.7940, 13.3641, 41.9496
YIQ	82.0580, -85.0040, -1.3240

Conversions

Conversions Part 2

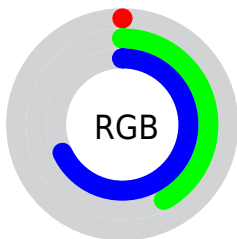
Format	Color
RYB	0, 66, 174
Decimal	27310
CIELab	43.31, 0.61, -43.28
CIELCh	43, 43.281, 270.814
Yxy	13.3641, 0.1878, 0.1962
Android (android.graphics.Color)	4278217390 (0xFF006AAE)
YUV	82.0580, 45.3274, -71.9649
Hunter-Lab	36.5569, -1.5039, -42.4464

Details

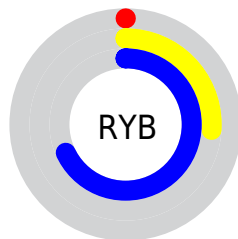
The Android color `4278217390` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289610752`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4284128742`, and `4278205561` is the 20% darker color. If you saturate the color by 10%, you get `4278217390`, and if you desaturate by 10%, it is `4279333294`.

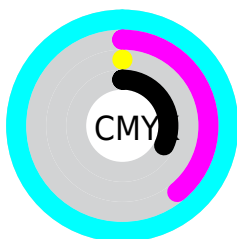
Distribution



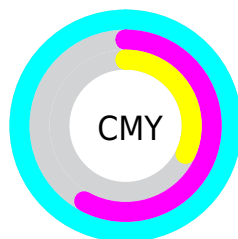
- Red (0%)
- Green (42%)
- Blue (68%)



- Red (0%)
- Yellow (26%)
- Blue (68%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (58%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278217390 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 4278217390 by changing the saturation by 10% instead.

 4278217390

 4278217390

4294967295

 4278211219

 4284128742

 4278205561

 4286167295

 4278200160

 4288074751

 4278194760

 4290047999

 4278191152

 4292018175

 4278190363

 4293984255

 4278190080

 4278217390

 4279333294

■ 4280514734

■ 4281630382

■ 4282811822

■ 4283927726

■ 4285043630

■ 4286225070

■ 4287340718

■ 4288522158

Harmonies

Analogous

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



4278219684



4278217390



4285029540

Triad

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



4278217390



4289022532



4280186178

Complementary

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



4278217390



4289610752

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.



4283723556



4278217390



4287977255

Square

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



4278217390



4289086823



4286080280



4278220902

Rectangle

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



4278217390



4287058580



4286080280



4281692983

Sweetspot

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



4278217390



4288661731



4278234691



4282999667



4294111986



4285756275

Same Dimension

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



4278217390



4278225635



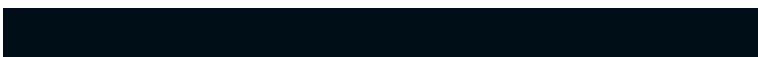
4278195374



4283323223



4278213782



4278193687

Inverse Universe

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



4289593450



4293066890



4289632768



4283911763



4288020572



4279697422

Previews

White Background



This preview shows how the Android color 4278217390 looks on a white background.

Color Contrast Check

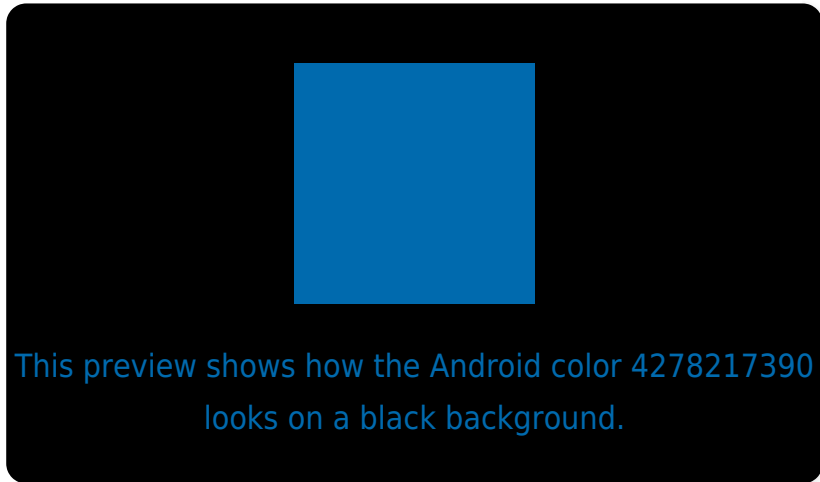
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278217390 Background



This preview shows how black text looks on a background with the Android color 4278217390.



This preview shows how white text looks on a background with the Android color 4278217390.

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
4278217390

Protanomaly
4281296554

Deuteranomaly
4280248495

Tritanomaly
4278218637

Monochromacy



Original Color
4278217390

Achromatopsia
4283585106

Achromatomaly
4281621363

CSS Examples

Text

The CSS property to change the color of the text to Android 4278217390 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, 106, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 174)  
}
```

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, 106, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 174) }
```

Border

The CSS property to change the border of an element to Android 4278217390 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, 106, 174) }
```

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

```
.border{ border-color:rgb(0, 106, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 106, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
174) }
```

Background

The CSS property to change the background color of an element to Android 4278217390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 106, 174) }
```

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

```
.background{ background-color: rgb(0, 106,  
174) }
```

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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