

Converting Colors

Android(4278206873)

Have a look what the booklet for
Android(4278206873) contains.

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Color

Android(4278206873)

Conversions

Conversions Part 1

Format	Color
Hex	004199
RGB	0, 65, 153
RGB Percent	0%, 25%, 60%
CMY	1.0000, 0.7451, 0.4000
CMYK	1.00, 0.58, 0.00, 0.40
HSL	215°, 100%, 30%
HSV	215°, 100%, 60%
XYZ	7.6401, 6.0805, 30.9080
YIQ	55.5970, -66.9880, 13.5880

Conversions

Conversions Part 2

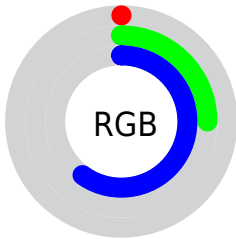
Format	Color
RYB	0, 46, 153
Decimal	16793
CIELab	29.61, 19.17, -52.80
CIELCh	30, 56.169, 289.957
Yxy	6.0805, 0.1712, 0.1362
Android (android.graphics.Color)	4278206873 (0xFF004199)
YUV	55.5970, 48.0197, -48.7586
Hunter-Lab	24.6587, 12.1525, -57.0549

Details

The Android color `4278206873` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4288239616`, and the grayscale version is `4281808695`.

A 20% lighter version of the original color is `4283789520`, and `4278196325` is the 20% darker color. If you saturate the color by 10%, you get `4278206873`, and if you desaturate by 10%, it is `4279192217`.

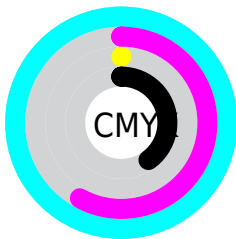
Distribution



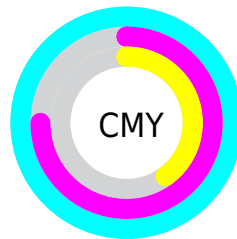
- Red (0%)
- Green (25%)
- Blue (60%)



- Red (0%)
- Yellow (18%)
- Blue (60%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (75%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278206873 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 4278206873 by changing the saturation by 10% instead.

 4278206873

 4278206873

4294967295

 4278201471

 4283789520

 4278196325

 4285762029

 4278190156

 4287669247

 4278191413

 4289576703

 4278190622

 4291484415

 4278190081

 4293457919

 4278190080

 4278206873

 4279192217

■ 4280243097

■ 4281228185

■ 4282213529

■ 4283264409

■ 4284249753

■ 4285235097

■ 4286220185

■ 4287271065

Harmonies

Analogous

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



4278210717



4278206873



4285147263

Triad

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



4278206873



4286588928



4278212405

Complementary

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



4278206873



4288239616

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.



4278211585



4278206873



4284628736

Square

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



4278206873



4287562539



4282076160



4278212707

Rectangle

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



4278206873



4286713957



4282076160



4278212134

Sweetspot

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



4278206873



4287342023



4278229335



4282404707



4293125091



4284703587

Same Dimension

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



4278206873



4278211783



4278845593



4282730573



4278205580



4278191373

Inverse Universe

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



4288217153



4291231829



4287600896



4283254088



4287365180



4279042053

Previews

White Background



This preview shows how the Android color 4278206873 looks on a white background.

Color Contrast Check

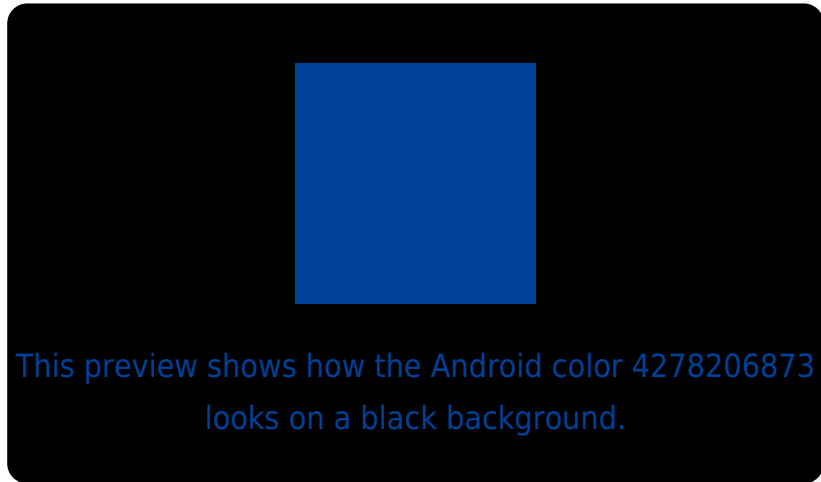
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278206873 Background



This preview shows how black text looks on a background with the Android color 4278206873.



This preview shows how white text looks on a background with the Android color 4278206873.

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

4278206873

Protanopia

4278207631

Deuteranopia

4278208635

Trichromacy



Original Color
4278206873

Protanomaly
4278207379

Deuteranomaly
4278207878

Tritanomaly
4278208876

Monochromacy



Original Color
4278206873

Achromatopsia
4281874488

Achromatomaly
4280564571

CSS Examples

Text

The CSS property to change the color of the text to Android 4278206873 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, 65, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 65, 153)  
}
```

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, 65, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 65, 153) }
```

Border

The CSS property to change the border of an element to Android 4278206873 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, 65, 153) }
```

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

```
.border{ border-color:rgb(0, 65, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 65, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 65, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 65, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 65, 153)  
}
```

Background

The CSS property to change the background color of an element to Android 4278206873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 65, 153) }
```

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

```
.background{ background-color: rgb(0, 65,  
153) }
```

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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