

Converting Colors

Android(4278206840)

Have a look what the booklet for
Android(4278206840) contains.

Android(4278206840)	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(4278206840)

Conversions

Conversions Part 1

Format	Color
Hex	004178
RGB	0, 65, 120
RGB Percent	0%, 25%, 47%
CMY	1.0000, 0.7451, 0.5294
CMYK	1.00, 0.46, 0.00, 0.53
HSL	208°, 100%, 24%
HSV	208°, 100%, 47%
XYZ	5.2805, 5.1367, 18.4825
YIQ	51.8350, -56.3950, 3.3250

Conversions

Conversions Part 2

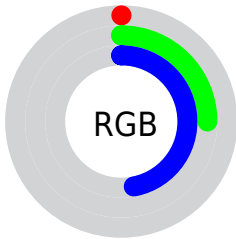
Format	Color
RYB	0, 42, 120
Decimal	16760
CIELab	27.12, 4.92, -36.39
CIELCh	27, 36.723, 277.702
Yxy	5.1367, 0.1827, 0.1777
Android (android.graphics.Color)	4278206840 (0xFF004178)
YUV	51.8350, 33.6053, -45.4593
Hunter-Lab	22.6642, 1.9258, -32.4856

Details

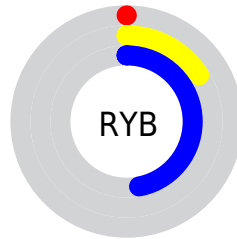
The Android color **4278206840** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4286068480**, and the grayscale version is **4281611316**.

A 20% lighter version of the original color is **4283068589**, and **4278196295** is the 20% darker color. If you saturate the color by 10%, you get **4278206840**, and if you desaturate by 10%, it is **4278994808**.

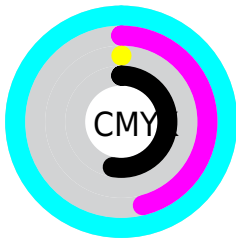
Distribution



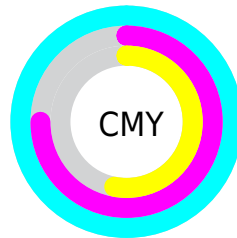
- Red (0%)
- Green (25%)
- Blue (47%)



- Red (0%)
- Yellow (16%)
- Blue (47%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (75%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278206840 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 4278206840 by changing the saturation by 10% instead.

 4278206840

 4278206840

4294967295

 4278201183

 4283068589

 4278196295

 4284910280

 4278191152

 4286686437

 4278190362

 4288528383

 4278190080

 4290435839

 4292343807

 4294246399

 4278206840

■ 4278994808

■ 4279782520

■ 4280570488

■ 4281358200

■ 4282146168

■ 4282933880

■ 4283721592

■ 4284509560

■ 4285297272

Harmonies

Analogous

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



4278208884



4278206840



4283053421

Triad

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



4278206840



4285410079



4278209578

Complementary

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



4278206840



4286068480

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.



4280895503



4278206840



4284364552

Square

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



4278206840



4285670458



4282859776



4278209863

Rectangle

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



4278206840



4284493151



4282859776



4278471456

Sweetspot

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



4278206840



4285367964



4278220854



4281549391



4291809231



4283387727

Same Dimension

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



4278206840



4278211740



4278191736



4281809469



4278207613



4278225404

Inverse Universe

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



4286054465



4288413780



4286083584



4282201914



4286382148



4294705289

Previews

White Background



This preview shows how the Android color 4278206840 looks on a white background.

Color Contrast Check

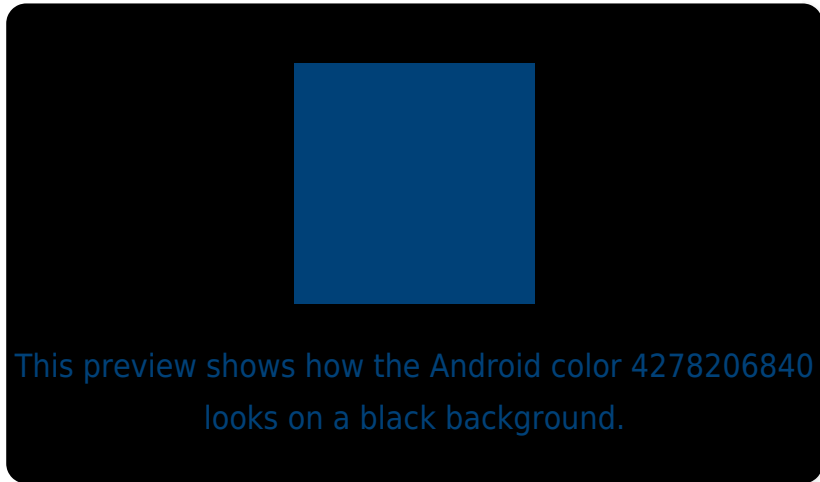
Large Text (above 18pt) WCAG AA ✓ Pass

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

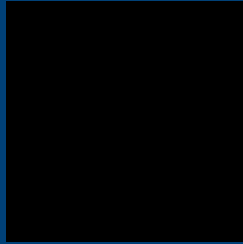
Any Text WCAG AA × Fail

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 4278206840 Background



This preview shows how black text looks on a background with the Android color 4278206840.



This preview shows how white text looks on a background with the Android color 4278206840.

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

4278206840

Protanopia

4280631158

Deuteranopia

4278207092

Trichromacy



Original Color

4278206840

Protanomaly

4279779447

Deuteranomaly

4278207093

Tritanomaly

4278207837

Monochromacy



Original Color

4278206840

Achromatopsia

4281611316

Achromatomaly

4280367437

CSS Examples

Text

The CSS property to change the color of the text to Android 4278206840 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 65, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 65, 120) }
```

Border

The CSS property to change the border of an element to Android 4278206840 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, 120) }
```

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

```
.border{ border-color:rgb(0, 65, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 65, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 65, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 65, 120)  
}
```

Background

The CSS property to change the background color of an element to Android 4278206840 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, 120) }
```

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

```
.background{ background-color: rgb(0, 65,  
120) }
```

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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