

Converting Colors

Android(4280575376)

Have a look what the booklet for
Android(4280575376) contains.

Android(4280575376)	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(4280575376)

Conversions

Conversions Part 1

Format	Color
Hex	246590
RGB	36, 101, 144
RGB Percent	14%, 40%, 56%
CMY	0.8588, 0.6039, 0.4353
CMYK	0.75, 0.30, 0.00, 0.44
HSL	204°, 60%, 35%
HSV	204°, 75%, 56%
XYZ	10.4153, 11.6960, 28.0942
YIQ	86.4670, -52.5430, -0.4070

Conversions

Conversions Part 2

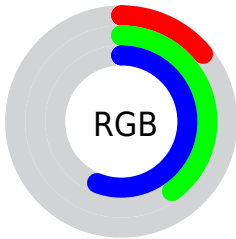
Format	Color
R_{YB}	36, 77, 144
Decimal	2385296
CIE _{Lab}	40.73, -5.26, -29.52
CIE _{LCh}	41, 29.981, 259.905
Yxy	11.6960, 0.2075, 0.2330
Android (android.graphics.Color)	4280575376 (0xFF246590)
YUV	86.4670, 28.3638, -44.2596
Hunter-Lab	34.1995, -5.4878, -24.7659

Details

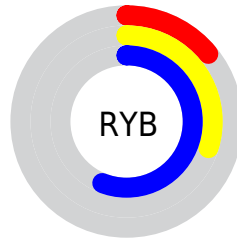
The Android color `4280575376` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287647524`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4284520646`, and `4278204253` is the 20% darker color. If you saturate the color by 10%, you get `4279656336`, and if you desaturate by 10%, it is `4281494416`.

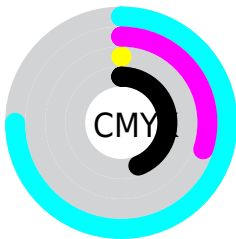
Distribution



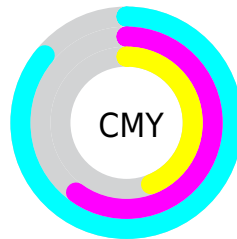
- Red (14%)
- Green (40%)
- Blue (56%)



- Red (14%)
- Yellow (30%)
- Blue (56%)



- Cyan (75%)
- Magenta (30%)
- Yellow (0%)
- Black (44%)



- Cyan (86%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280575376 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 4280575376 by changing the saturation by 10% instead.



4280575376



4280575376

4294967295



4278209910



4284520646



4278204253



4286362338



4278198597



4288204543



4278192431



4290112255



4278190361



4291952639



4278190080



4293918719



4280575376



4280575376



4279656336



4281494416

■ 4278672016

■ 4282478736

■ 4278212496

■ 4283397776

■ 4284382352

■ 4285301392

■ 4286220176

■ 4287204752

■ 4288123792

■ 4289108368

Harmonies

Analogous

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



4278217349



4280575376



4283784590

Triad

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



4280575376



4287581521



4282607935

Complementary

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



4280575376



4287647524

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.



4284441648



4280575376



4287058747

Square

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



4280575376



4287253865



4285946927



4280052823

Rectangle

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



4280575376



4285355654



4285946927



4283263033

Sweetspot

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



4280575376



4287605178



4280586317



4282668126



4292796126



4284374622

Same Dimension

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



4280575376



4279465914



4280562064



4282402119



4278210951



4278191368

Inverse Universe

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



4287636581



4290384759



4287660836



4282859589



4287037521



4278714373

Previews

White Background



This preview shows how the Android color 4280575376 looks on a white background.

Color Contrast Check

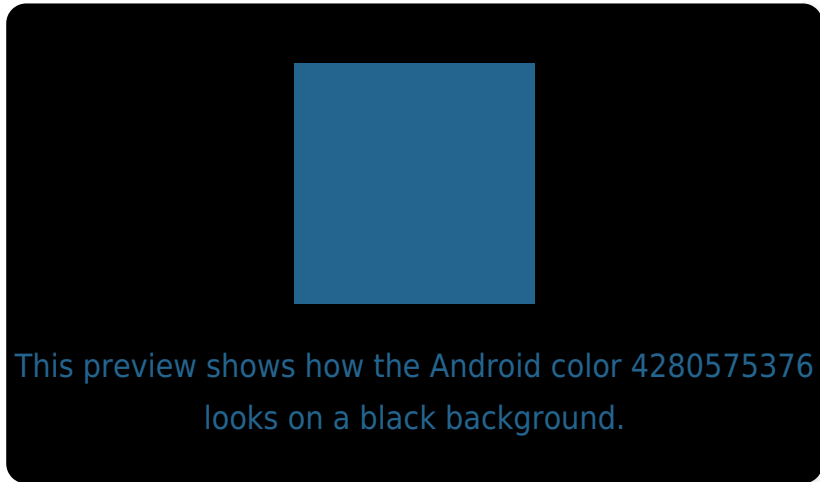
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280575376 Background



This preview shows how black text looks on a background with the Android color 4280575376.



This preview shows how white text looks on a background with the Android color 4280575376.

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

4280575376

Protanopia

4283522698

Deuteranopia

4282933137

Trichromacy



Original Color
4280575376

Protanomaly
4282474892

Deuteranomaly
4282081681

Tritanomaly
4279068798

Monochromacy



Original Color
4280575376

Achromatopsia
4283848278

Achromatomaly
4282669931

CSS Examples

Text

The CSS property to change the color of the text to Android 4280575376 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(36, 101, 144)` looks like.

```
.text, #text, p{  
    color:rgb(36, 101, 144)  
}
```

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(36, 101, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 101, 144) }
```

Border

The CSS property to change the border of an element to Android 4280575376 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(36, 101, 144) }
```

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

```
.border{ border-color:rgb(36, 101, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 101, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 101, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 101, 144);  
box-shadow:4px 4px 4px 4px rgb(36, 101,  
144) }
```

Background

The CSS property to change the background color of an element to Android 4280575376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 101, 144) }
```

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

```
.background{ background-color: rgb(36, 101,  
144) }
```

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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