

Converting Colors

Android(4280577165)

Have a look what the booklet for
Android(4280577165) contains.

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Color

Android(4280577165)

Conversions

Conversions Part 1

Format	Color
Hex	246C8D
RGB	36, 108, 141
RGB Percent	14%, 42%, 55%
CMY	0.8588, 0.5765, 0.4471
CMYK	0.74, 0.23, 0.00, 0.45
HSL	199°, 59%, 35%
HSV	199°, 74%, 55%
XYZ	10.8978, 13.0233, 27.1387
YIQ	90.2340, -53.5050, -5.0010

Conversions

Conversions Part 2

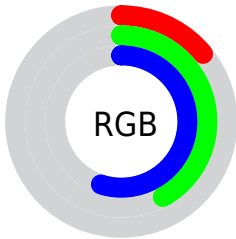
Format	Color
R_{YB}	36, 79, 141
Decimal	2387085
CIE _{Lab}	42.80, -10.54, -24.49
CIE _{LCh}	43, 26.659, 246.722
Yxy	13.0233, 0.2134, 0.2551
Android (android.graphics.Color)	4280577165 (0xFF246C8D)
YUV	90.2340, 25.0276, -47.5632
Hunter-Lab	36.0878, -9.2500, -19.3257

Details

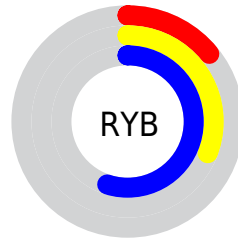
The Android color `4280577165` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287448356`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4284522435`, and `4278205787` is the 20% darker color. If you saturate the color by 10%, you get `4279658637`, and if you desaturate by 10%, it is `4281495693`.

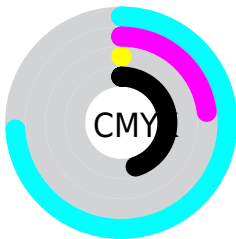
Distribution



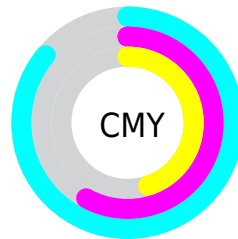
- Red (14%)
- Green (42%)
- Blue (55%)



- Red (14%)
- Yellow (31%)
- Blue (55%)



- Cyan (74%)
- Magenta (23%)
- Yellow (0%)
- Black (45%)



- Cyan (86%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280577165 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 4280577165 by changing the saturation by 10% instead.



4280577165



4280577165

4294967295



4278211699



4284522435



4278205787



4286364383



4278200131



4288206587



4278194989



4290048767



4278190360



4291952639



4278190080



4293918719



4280577165



4280577165



4279658637



4281495693

■ 4278739853

■ 4282414477

■ 4278215053

■ 4283333005

■ 4284251789

■ 4285235853

■ 4286154637

■ 4287073165

■ 4287991693

■ 4288910477

Harmonies

Analogous

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



4278218879



4280577165



4283262609

Triad

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



4280577165



4287583329



4283919169

Complementary

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



4280577165



4287448356

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.



4285490489



4280577165



4287518540

Square

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



4280577165



4286928503



4286733885



4282150739

Rectangle

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



4280577165



4284768396



4286733885



4284443197

Sweetspot

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



4280577165



4287605688



4280585540



4282668124



4292598747



4284243036

Same Dimension

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



4280577165



4279534776



4280564109



4282402119



4278214023



4278191368

Inverse Universe

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



4287439980



4290253956



4287461412



4282859589



4287037533



4278714373

Previews

White Background



This preview shows how the Android color 4280577165 looks on a white background.

Color Contrast Check

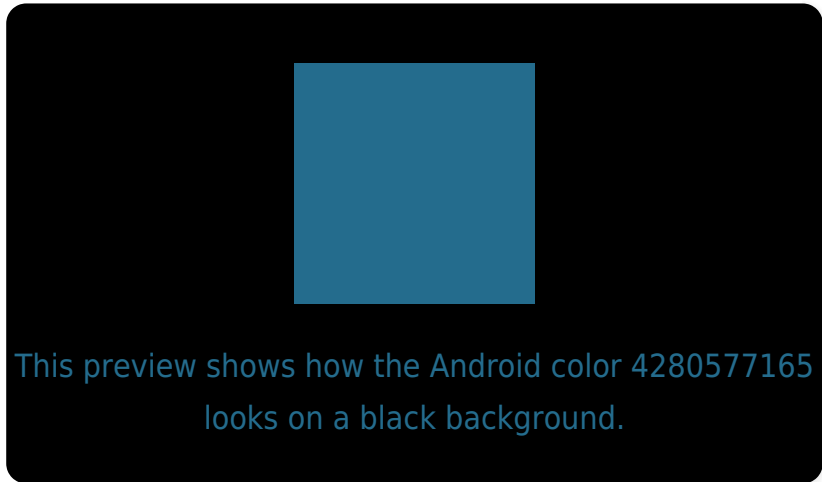
Large Text (above 18pt) WCAG AA ✓ Pass

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

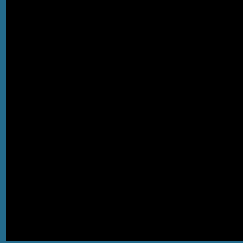
Any Text WCAG AA × Fail

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 4280577165 Background



This preview shows how black text looks on a background with the Android color 4280577165.



This preview shows how white text looks on a background with the Android color 4280577165.

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
4280577165

Protanopia
4284179334

Deuteranopia
4283786383

Trichromacy



Original Color
4280577165

Protanomaly
4282869385

Deuteranomaly
4282607502

Tritanomaly
4279725952

Monochromacy



Original Color
4280577165

Achromatopsia
4284111450

Achromatomaly
4282802541

CSS Examples

Text

The CSS property to change the color of the text to Android 4280577165 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, 108, 141)` looks like.

```
.text, #text, p{  
    color:rgb(36, 108, 141)  
}
```

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, 108, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 108, 141) }
```

Border

The CSS property to change the border of an element to Android 4280577165 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, 108, 141) }
```

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

```
.border{ border-color:rgb(36, 108, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 108, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 108, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 108, 141);  
box-shadow:4px 4px 4px 4px rgb(36, 108,  
141) }
```

Background

The CSS property to change the background color of an element to Android 4280577165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 108, 141) }
```

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

```
.background{ background-color: rgb(36, 108,  
141) }
```

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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