

Converting Colors

Android(4280576693)

Have a look what the booklet for
Android(4280576693) contains.

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Color

Android(4280576693)

Conversions

Conversions Part 1

Format	Color
Hex	246AB5
RGB	36, 106, 181
RGB Percent	14%, 42%, 71%
CMY	0.8588, 0.5843, 0.2902
CMYK	0.80, 0.41, 0.00, 0.29
HSL	211°, 67%, 43%
HSV	211°, 80%, 71%
XYZ	14.2221, 14.0193, 45.6725
YIQ	93.6200, -65.7950, 8.4850

Conversions

Conversions Part 2

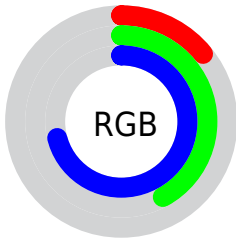
Format	Color
R_{YB}	36, 83, 181
Decimal	2386613
CIE _{Lab}	44.26, 5.70, -45.82
CIE _{LCh}	44, 46.170, 277.096
Yxy	14.0193, 0.1924, 0.1897
Android (android.graphics.Color)	4280576693 (0xFF246AB5)
YUV	93.6200, 43.0783, -50.5327
Hunter-Lab	37.4424, 2.2770, -46.1126

Details

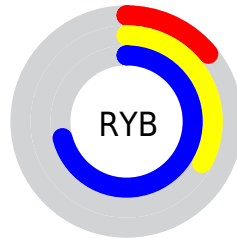
The Android color `4280576693` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4290080548`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4285046253`, and `4278205567` is the 20% darker color. If you saturate the color by 10%, you get `4279394741`, and if you desaturate by 10%, it is `4281758645`.

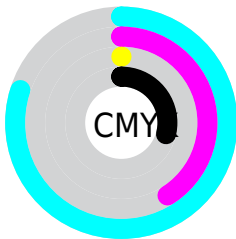
Distribution



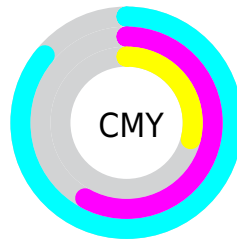
- Red (14%)
- Green (42%)
- Blue (71%)



- Red (14%)
- Yellow (33%)
- Blue (71%)



- Cyan (80%)
- Magenta (41%)
- Yellow (0%)
- Black (29%)



- Cyan (86%)
- Magenta (58%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280576693 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 4280576693 by changing the saturation by 10% instead.

 4280576693

 4280576693

4294967295

 4278211226

 4285046253

 4278205567

 4287019263

 4278200166

 4288926719

 4278194765

 4290899967

 4278191414

 4292804607

 4278190624

 4294770687

 4278190084

 4278190080

 4280576693

 4280576693

■ 4279394741

■ 4281758645

■ 4278212533

■ 4282940853

■ 4284122805

■ 4285304757

■ 4286552501

■ 4287734453

■ 4288916661

■ 4290098613

■ 4291280565

Harmonies

Analogous

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



4278220207



4280576693



4285946790

Triad

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



4280576693



4289285436



4278221129

Complementary

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



4280576693



4290080548

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.



4283134759



4280576693



4287912991

Square

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



4280576693



4289610849



4285819411



4278221681

Rectangle

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



4280576693



4287909779



4285819411



4280514621

Sweetspot

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



4280576693



4289908203



4280595823



4283655285



4294309365



4285887861

Same Dimension

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



4280576693



4278810347



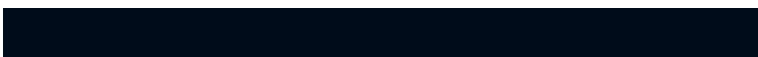
4280689845



4283454809



4278209177



4278193178

Inverse Universe

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



4290061418



4293593462



4289967396



4284043349



4288217162



4279894028

Previews

White Background



This preview shows how the Android color 4280576693 looks on a white background.

Color Contrast Check

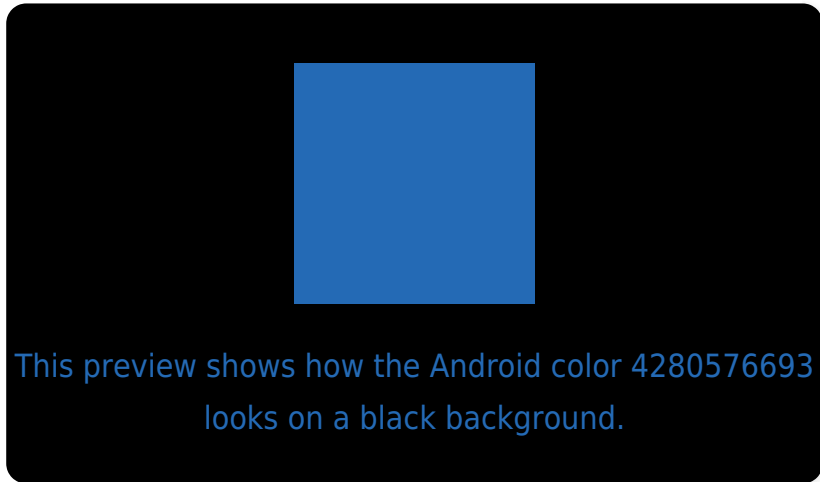
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280576693 Background



This preview shows how black text looks on a background with the Android color 4280576693.



This preview shows how white text looks on a background with the Android color 4280576693.

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

4280576693

Protanomaly

4282083250

Deuteranomaly

4280838581

Monochromacy



Original Color

4280576693

Achromatopsia

4284374622

Achromatomaly

4282999422

CSS Examples

Text

The CSS property to change the color of the text to Android 4280576693 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, 106, 181)` looks like.

```
.text, #text, p{  
    color:rgb(36, 106, 181)  
}
```

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, 106, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 106, 181) }
```

Border

The CSS property to change the border of an element to Android 4280576693 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, 106, 181) }
```

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

```
.border{ border-color:rgb(36, 106, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 106, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 106, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 106, 181);  
box-shadow:4px 4px 4px 4px rgb(36, 106,  
181) }
```

Background

The CSS property to change the background color of an element to Android 4280576693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 106, 181) }
```

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

```
.background{ background-color: rgb(36, 106,  
181) }
```

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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