

Converting Colors

Android(4280626618)

Have a look what the booklet for
Android(4280626618) contains.

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Color

Android(4280626618)

Conversions

Conversions Part 1

Format	Color
Hex	252DBA
RGB	37, 45, 186
RGB Percent	15%, 18%, 73%
CMY	0.8549, 0.8235, 0.2706
CMYK	0.80, 0.76, 0.00, 0.27
HSL	237°, 67%, 44%
HSV	237°, 80%, 73%
XYZ	10.5643, 5.8153, 47.0200
YIQ	58.6820, -50.0290, 42.1550

Conversions

Conversions Part 2

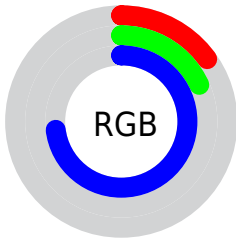
Format	Color
RYB	37, 45, 186
Decimal	2436538
CIELab	28.94, 46.69, -73.69
CIELCh	29, 87.232, 302.358
Yxy	5.8153, 0.1666, 0.0917
Android (android.graphics.Color)	4280626618 (0xFF252DBA)
YUV	58.6820, 62.7678, -19.0151
Hunter-Lab	24.1148, 35.9965, -98.7255

Details

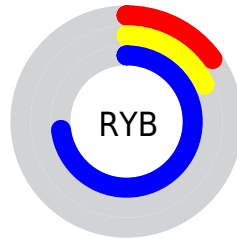
The Android color **4280626618** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **4290425381**, and the grayscale version is **4282006074**.

A 20% lighter version of the original color is **4285423091**, and **4278190723** is the 20% darker color. If you saturate the color by 10%, you get **4279376826**, and if you desaturate by 10%, it is **4281876410**.

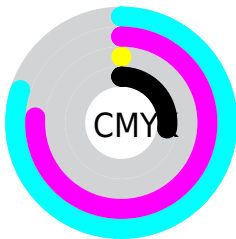
Distribution



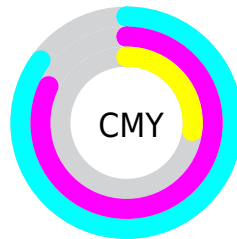
- Red (15%)
- Green (18%)
- Blue (73%)



- Red (15%)
- Yellow (18%)
- Blue (73%)



- Cyan (80%)
- Magenta (76%)
- Yellow (0%)
- Black (27%)



- Cyan (85%)
- Magenta (82%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280626618 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 4280626618 by changing the saturation by 10% instead.

 4280626618

 4280626618

4294967295

 4278195870

 4285423091

 4278190723

 4287395583

 4278190185

 4289433855

 4278192720

 4291406847

 4278191416

 4293445375

 4278190626

 4294960127

 4278190087

 4278190080

 4280626618

 4280626618

■ 4279376826

■ 4281876410

■ 4278192826

■ 4283060410

■ 4284310202

■ 4285494202

■ 4286743994

■ 4287993786

■ 4289177786

■ 4290427578

■ 4291611578

Harmonies

Analogous

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



4278210512



4280626618



4287758469

Triad

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



4280626618



4286783488



4278213192

Complementary

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



4280626618



4290425381

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.



4278212608



4280626618



4283450368

Square

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



4280626618



4289069056



4278211328



4278213773

Rectangle

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



4280626618



4289331289



4278211328



4278213168

Sweetspot

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



4280626618



4290296818



4280662704



4283914618



4294638330



4286216826

Same Dimension

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



4280626618



4278851314



4284884410



4283650908



4278192284



4278190620

Inverse Universe

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



4290389293



4294052374



4286167589



4284240723



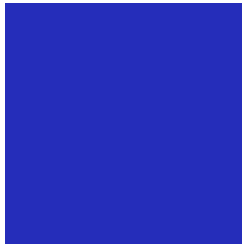
4288413704



4280025090

Previews

White Background



This preview shows how the Android color 4280626618 looks on a white background.

Color Contrast Check

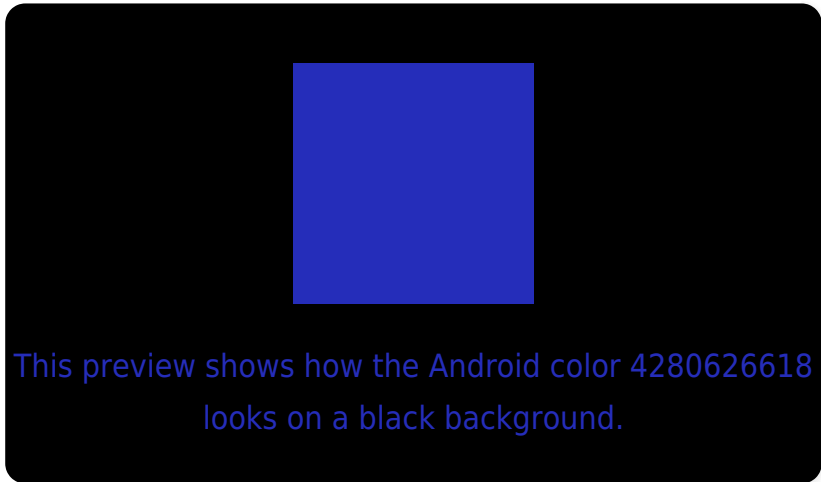
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280626618 Background



This preview shows how black text looks on a background with the Android color 4280626618.



This preview shows how white text looks on a background with the Android color 4280626618.

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

4280626618

Deuteranopia

4278208118

Tritanopia

4278209616

Trichromacy



Original Color
4280626618

Deuteranomaly
4279057807

Tritanomaly
4279058807

Monochromacy



Original Color
4280626618

Achromatopsia
4282071867

Achromatomaly
4281546345

CSS Examples

Text

The CSS property to change the color of the text to Android 4280626618 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(37, 45, 186)` looks like.

```
.text, #text, p{  
    color:rgb(37, 45, 186)  
}
```

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(37, 45, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 45, 186) }
```

Border

The CSS property to change the border of an element to Android 4280626618 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(37, 45, 186) }
```

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

```
.border{ border-color:rgb(37, 45, 186) }
```

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

Here you see how a box with a 4 pixel rgb(37, 45, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 45, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 45, 186);  
box-shadow:4px 4px 4px 4px rgb(37, 45,  
186) }
```

Background

The CSS property to change the background color of an element to Android 4280626618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 45, 186) }
```

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

```
.background{ background-color: rgb(37, 45,  
186) }
```

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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