

Converting Colors

Android(4280765638)

Have a look what the booklet for
Android(4280765638) contains.

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Color

Android(4280765638)

Conversions

Conversions Part 1

Format	Color
Hex	274CC6
RGB	39, 76, 198
RGB Percent	15%, 30%, 78%
CMY	0.8471, 0.7020, 0.2235
CMYK	0.80, 0.62, 0.00, 0.22
HSL	226°, 67%, 46%
HSV	226°, 80%, 78%
XYZ	13.6142, 9.6774, 54.5765
YIQ	78.8450, -61.2140, 30.0980

Conversions

Conversions Part 2

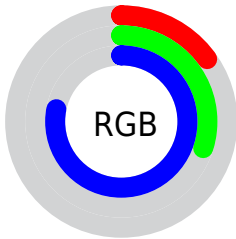
Format	Color
R_{YB}	39, 69, 198
Decimal	2575558
CIE _{Lab}	37.26, 32.05, -67.05
CIE _{LCh}	37, 74.316, 295.551
Y _{xy}	9.6774, 0.1748, 0.1243
Android (android.graphics.Color)	4280765638 (0xFF274CC6)
YUV	78.8450, 58.7434, -34.9441
Hunter-Lab	31.1086, 23.6777, -82.2416

Details

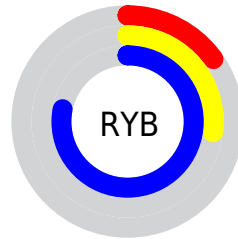
The Android color `4280765638` is a dark color, and the websafe version is hex `003399`. The color can be described as dark muted blue. A complement of this color would be `4291207463`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4285496575`, and `4278198671` is the 20% darker color. If you saturate the color by 10%, you get `4279451078`, and if you desaturate by 10%, it is `4282080198`.

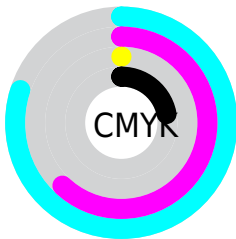
Distribution



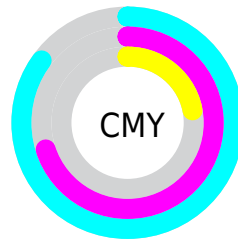
- Red (15%)
- Green (30%)
- Blue (78%)



- Red (15%)
- Yellow (27%)
- Blue (78%)



- Cyan (80%)
- Magenta (62%)
- Yellow (0%)
- Black (22%)



- Cyan (85%)
- Magenta (70%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280765638 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 4280765638 by changing the saturation by 10% instead.

 4280765638

 4280765638

4294967295

 4278204074

 4285496575

 4278198671

 4287534847

 4278194037

 4289507839

 4278190171

 4291480831

 4278191938

 4293519615

 4278190891

 4278190358

 4278190080

 4280765638

 4280765638

■ 4279451078

■ 4282080198

■ 4278202054

■ 4283394758

■ 4284644038

■ 4285958598

■ 4287273158

■ 4288587718

■ 4289902278

■ 4291151558

■ 4292466118

Harmonies

Analogous

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



4278215634



4280765638



4287897501

Triad

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



4280765638



4288558080



4278218573

Complementary

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



4280765638



4291207463

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.



4278217472



4280765638



4285747968

Square

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



4280765638



4290248745



4281950976



4278218890

Rectangle

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



4280765638



4289724535



4281950976



4278218295

Sweetspot

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



4280765638



4290957567



4280796833



4284179328



4278190080



4286611584

Same Dimension

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



4280765638



4278862847



4283508678



4284111971



4278199971



4278192164

Inverse Universe

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



4291176268



4294904387



4288464423



4284701276



4288872486



4280549384

Previews

White Background



This preview shows how the Android color 4280765638 looks on a white background.

Color Contrast Check

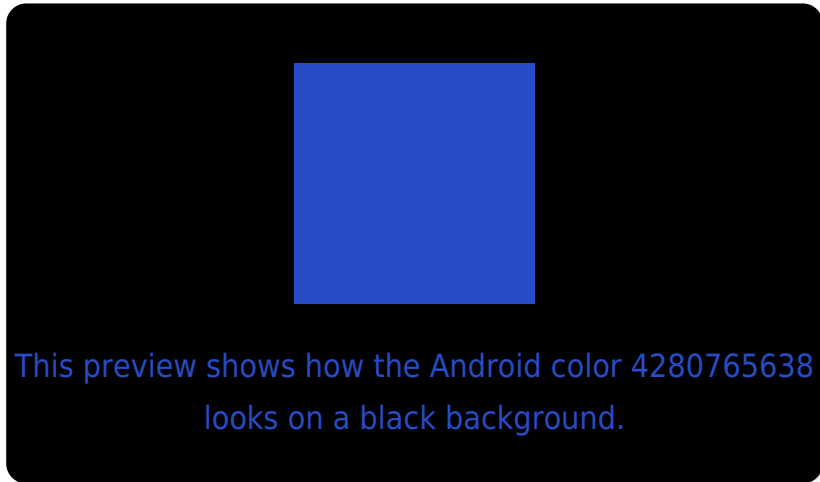
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280765638 Background



This preview shows how black text looks on a background with the Android color 4280765638.



This preview shows how white text looks on a background with the Android color 4280765638.

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

4280765638

Protanopia

4278211762

Deuteranopia

4278213273

Trichromacy



Original Color

4280765638

Protanomaly

4279128505

Deuteranomaly

4279129513

Tritanomaly

4279130506

Monochromacy



Original Color

4280765638

Achromatopsia

4283387727

Achromatomaly

4282404474

CSS Examples

Text

The CSS property to change the color of the text to Android 4280765638 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(39, 76, 198)` looks like.

```
.text, #text, p{  
    color:rgb(39, 76, 198)  
}
```

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(39, 76, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 76, 198) }
```

Border

The CSS property to change the border of an element to Android 4280765638 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(39, 76, 198) }
```

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

```
.border{ border-color:rgb(39, 76, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 76, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 76, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 76, 198);  
box-shadow:4px 4px 4px 4px rgb(39, 76,  
198) }
```

Background

The CSS property to change the background color of an element to Android 4280765638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 76, 198) }
```

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

```
.background{ background-color: rgb(39, 76,  
198) }
```

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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