

Converting Colors

Android(4280552636)

Have a look what the booklet for
Android(4280552636) contains.

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Color

Android(4280552636)

Conversions

Conversions Part 1

Format	Color
Hex	240CBC
RGB	36, 12, 188
RGB Percent	14%, 5%, 74%
CMY	0.8588, 0.9529, 0.2627
CMYK	0.81, 0.94, 0.00, 0.26
HSL	248°, 88%, 39%
HSV	248°, 94%, 74%
XYZ	9.9361, 4.2689, 47.8772
YIQ	39.2400, -42.1920, 59.8240

Conversions

Conversions Part 2

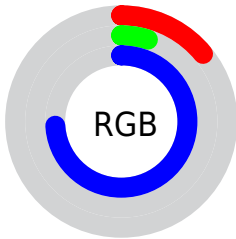
Format	Color
R _Y B	36, 12, 188
Decimal	2362556
CIE Lab	24.54, 60.79, -82.19
CIE LCh	25, 102.227, 306.490
Yxy	4.2689, 0.1600, 0.0688
Android (android.graphics.Color)	4280552636 (0xFF240CBC)
YUV	39.2400, 73.3387, -2.8415
Hunter-Lab	20.6612, 49.6849, -122.9271

Details

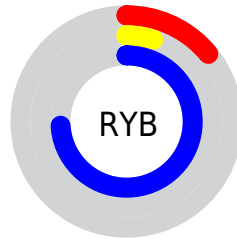
The Android color **4280552636** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **4288986124**, and the grayscale version is **4280756007**.

A 20% lighter version of the original color is **4285547766**, and **4278190213** is the 20% darker color. If you saturate the color by 10%, you get **4279894204**, and if you desaturate by 10%, it is **4281606076**.

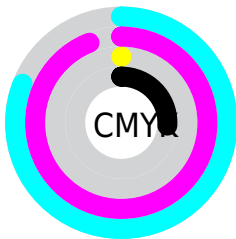
Distribution



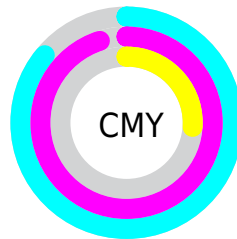
- Red (14%)
- Green (5%)
- Blue (74%)



- Red (14%)
- Yellow (5%)
- Blue (74%)



- Cyan (81%)
- Magenta (94%)
- Yellow (0%)
- Black (26%)



- Cyan (86%)
- Magenta (95%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280552636 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 4280552636 by changing the saturation by 10% instead.

 4280552636

 4280552636

4294967295

 4278190240

 4285547766


 4278190213

 4287586047

 4278190187

 4289624319

 4278192977

 4291662847

 4278191417

 4293701631

 4278190627

 4294953983

 4278190089

 4294961151

 4278190080

 4280552636

 4280552636

■ 4279894204

■ 4281606076

■ 4282659516

■ 4283778236

■ 4284831676

■ 4285885116

■ 4286938556

■ 4288057532

■ 4289110716

■ 4290164156

Harmonies

Analogous

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



4278208220



4280552636



4288217210

Triad

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



4280552636



4285928192



4278210890

Complementary

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



4280552636



4288986124

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.



4278210304



4280552636



4281941504

Square

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



4280552636



4288675840



4278209024



4278211480

Rectangle

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



4280552636



4289658951



4278209024



4278210607

Sweetspot

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



4280552636



4290425077



4279018940



4283847034



4294638330



4286216826

Same Dimension

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



4280552636



4280353013



4286254268



4283848030



4279632030



4278452255

Inverse Universe

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



4290514084



4294246611



4283284492



4284372317



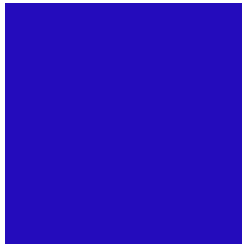
4288544905



4280221722

Previews

White Background



This preview shows how the Android color 4280552636 looks on a white background.

Color Contrast Check

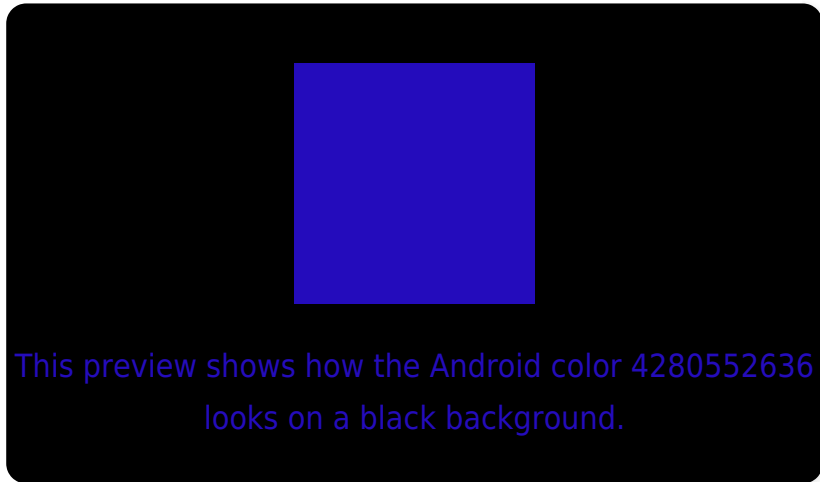
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280552636 Background



This preview shows how black text looks on a background with the Android color 4280552636.



This preview shows how white text looks on a background with the Android color 4280552636.

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
4280552636

Protanopia
4278204792

Deuteranopia
4278205798

Trichromacy



Original Color
4280552636

Protanomaly
4279052689

Deuteranomaly
4279053189

Tritanomaly
4279053936

Monochromacy



Original Color
4280552636

Achromatopsia
4280756007

Achromatomaly
4280687965

CSS Examples

Text

The CSS property to change the color of the text to Android 4280552636 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, 12, 188)` looks like.

```
.text, #text, p{  
    color:rgb(36, 12, 188)  
}
```

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, 12, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 12, 188) }
```

Border

The CSS property to change the border of an element to Android 4280552636 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, 12, 188) }
```

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

```
.border{ border-color:rgb(36, 12, 188) }
```

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

Here you see how a box with a 4 pixel rgb(36, 12, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 12, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 12, 188);  
box-shadow:4px 4px 4px 4px rgb(36, 12,  
188) }
```

Background

The CSS property to change the background color of an element to Android 4280552636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 12, 188) }
```

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

```
.background{ background-color: rgb(36, 12,  
188) }
```

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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