

Converting Colors

Android(4280889976)

Have a look what the booklet for
Android(4280889976) contains.

Android(4280889976)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280889976)

Conversions

Conversions Part 1

Format	Color
Hex	293278
RGB	41, 50, 120
RGB Percent	16%, 20%, 47%
CMY	0.8392, 0.8039, 0.5294
CMYK	0.66, 0.58, 0.00, 0.53
HSL	233°, 49%, 32%
HSV	233°, 66%, 47%
XYZ	5.4452, 4.1087, 18.2754
YIQ	55.2890, -27.8340, 19.8620

Conversions

Conversions Part 2

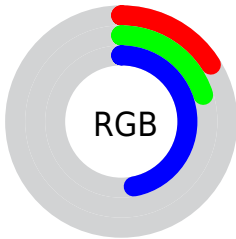
Format	Color
R_{YB}	41, 49, 120
Decimal	2699896
CIE _{Lab}	24.03, 20.22, -41.31
CIE _{LCh}	24, 45.992, 296.078
Yxy	4.1087, 0.1957, 0.1476
Android (android.graphics.Color)	4280889976 (0xFF293278)
YUV	55.2890, 31.9025, -12.5315
Hunter-Lab	20.2699, 12.4792, -39.2670

Details

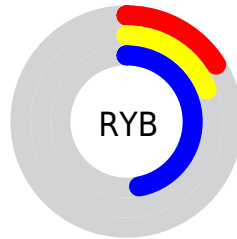
The Android color **4280889976** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4286082857**, and the grayscale version is **4281808695**.

A 20% lighter version of the original color is **4284506285**, and **4278191687** is the 20% darker color. If you saturate the color by 10%, you get **4280100728**, and if you desaturate by 10%, it is **4281679224**.

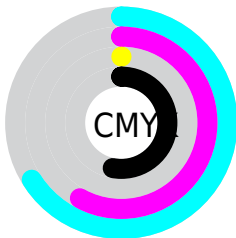
Distribution



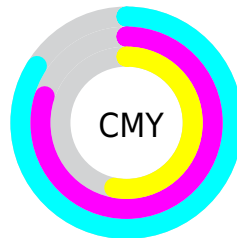
- Red (16%)
- Green (20%)
- Blue (47%)



- Red (16%)
- Yellow (19%)
- Blue (47%)



- Cyan (66%)
- Magenta (58%)
- Yellow (0%)
- Black (53%)



- Cyan (84%)
- Magenta (80%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280889976 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 4280889976 by changing the saturation by 10% instead.



4280889976



4280889976

4294967295



4278459743



4284506285



4278191687



4286216649



4278191151



4288058341



4278190362



4289900031



4278190080



4291741951



4293649663



4280889976



4280889976



4280100728



4281679224

■ 4279311736

■ 4282468216

■ 4278522488

■ 4283257464

■ 4278193784

■ 4284046712

■ 4284835704

■ 4285624952

■ 4286413944

■ 4287203192

■ 4287992440

Harmonies

Analogous

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



4278206335



4280889976



4284292704

Triad

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



4280889976



4284753408



4278208307

Complementary

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



4280889976



4286082857

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.



4278207758



4280889976



4283119104

Square

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



4280889976



4285731101



4281024512



4278208599

Rectangle

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



4280889976



4285337163



4281024512



4278208295

Sweetspot

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



4280889976



4286349468



4280907887



4282138191



4291809231



4283387727

Same Dimension

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



4280889976



4280364956



4282853752



4281808957



4278193789



4278197756

Inverse Universe

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



4286064946



4288422191



4284119081



4282201912



4286382094



4294705181

Previews

White Background



This preview shows how the Android color 4280889976 looks on a white background.

Color Contrast Check

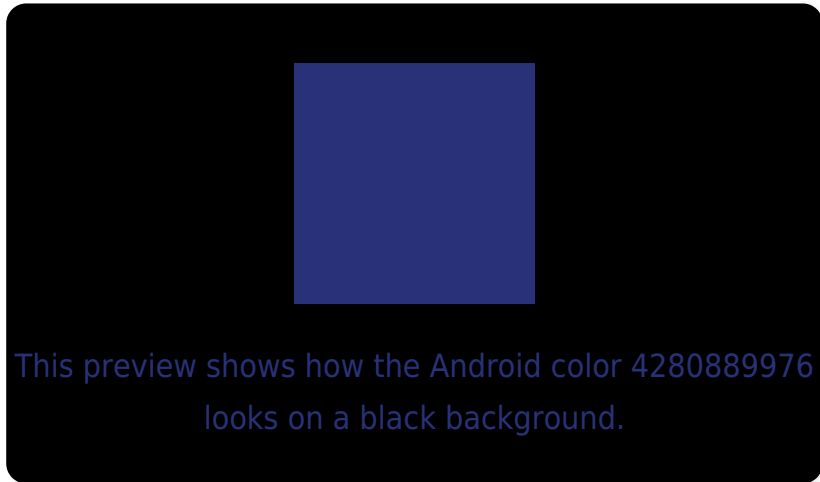
Large Text (above 18pt) WCAG AA ✓ Pass

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

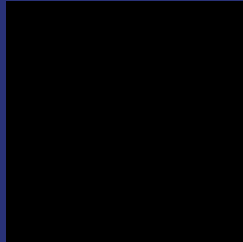
Any Text WCAG AA × Fail

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 4280889976 Background



This preview shows how black text looks on a background with the Android color 4280889976.



This preview shows how white text looks on a background with the Android color 4280889976.

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

4280889976

Protanopia

4278204277

Deuteranopia

4278205285

Trichromacy



Original Color
4280889976

Protanomaly
4279186806

Deuteranomaly
4279187564

Tritanomaly
4279188312

Monochromacy



Original Color
4280889976

Achromatopsia
4281808695

Achromatomaly
4281480527

CSS Examples

Text

The CSS property to change the color of the text to Android 4280889976 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(41, 50, 120)` looks like.

```
.text, #text, p{  
    color:rgb(41, 50, 120)  
}
```

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(41, 50, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 50, 120) }
```

Border

The CSS property to change the border of an element to Android 4280889976 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(41, 50, 120) }
```

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

```
.border{ border-color:rgb(41, 50, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 50, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 50, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 50, 120);  
box-shadow:4px 4px 4px 4px rgb(41, 50,  
120) }
```

Background

The CSS property to change the background color of an element to Android 4280889976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 50, 120) }
```

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

```
.background{ background-color: rgb(41, 50,  
120) }
```

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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