

Converting Colors

Android(4282786700)

Have a look what the booklet for
Android(4282786700) contains.

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Color

Android(4282786700)

Conversions

Conversions Part 1

Format	Color
Hex	46238C
RGB	70, 35, 140
RGB Percent	27%, 14%, 55%
CMY	0.7255, 0.8627, 0.4510
CMYK	0.50, 0.75, 0.00, 0.45
HSL	260°, 60%, 34%
HSV	260°, 75%, 55%
XYZ	7.8604, 4.3976, 25.2455
YIQ	57.4350, -12.8450, 40.0750

Conversions

Conversions Part 2

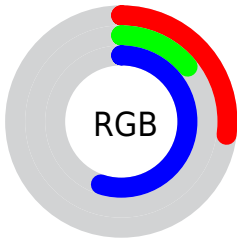
Format	Color
R_{YB}	70, 35, 140
Decimal	4596620
CIE Lab	24.94, 41.36, -52.27
CIE LCh	25, 66.654, 308.349
Yxy	4.3976, 0.2096, 0.1173
Android (android.graphics.Color)	4282786700 (0xFF46238C)
YUV	57.4350, 40.7045, 11.0195
Hunter-Lab	20.9705, 30.2096, -56.6974

Details

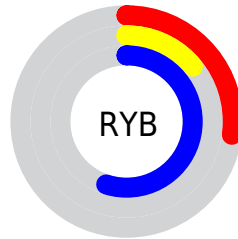
The Android color **4282786700** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4285107235**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4286403523**, and **4278386777** is the 20% darker color. If you saturate the color by 10%, you get **4282193292**, and if you desaturate by 10%, it is **4283380108**.

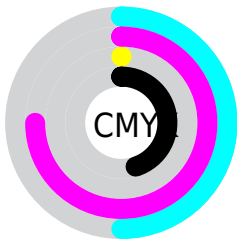
Distribution



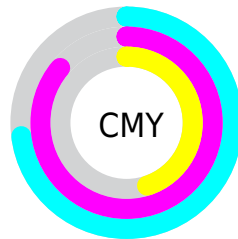
- Red (27%)
- Green (14%)
- Blue (55%)



- Red (27%)
- Yellow (14%)
- Blue (55%)



- Cyan (50%)
- Magenta (75%)
- Yellow (0%)
- Black (45%)



- Cyan (73%)
- Magenta (86%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282786700 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 4282786700 by changing the saturation by 10% instead.

 4282786700

 4282786700

4294967295

 4280879730

 4286403523


 4278386777

 4288244959

 4278190145

 4290086652

 4278190889

 4291994111

 4278190355

 4293901567

 4278190080

 4294957311

 4294964735

 4282786700

 4282786700

■ 4282193292

■ 4283380108

■ 4281534348

■ 4284039052

■ 4281270412

■ 4284632460

■ 4285225868

■ 4285884812

■ 4286478220

■ 4287071628

■ 4287730572

■ 4288323980

Harmonies

Analogous

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



4278206370



4282786700



4286447714

Triad

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



4282786700



4284885248



4278210121

Complementary

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



4282786700



4285107235

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.



4278209553



4282786700



4282203648

Square

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



4282786700



4286775296



4278208512



4278210170

Rectangle

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



4282786700



4287365184



4278208512



4278209847

Sweetspot

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



4282786700



4288252853



4280510860



4283122268



4292598747



4284243036

Same Dimension

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



4282786700



4282913461



4286260108



4282400325



4281073797



4278321157

Inverse Universe

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



4287374185



4290056831



4281633827



4282728003



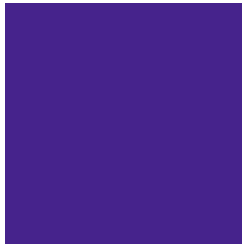
4286906456



4278517763

Previews

White Background



This preview shows how the Android color 4282786700 looks on a white background.

Color Contrast Check

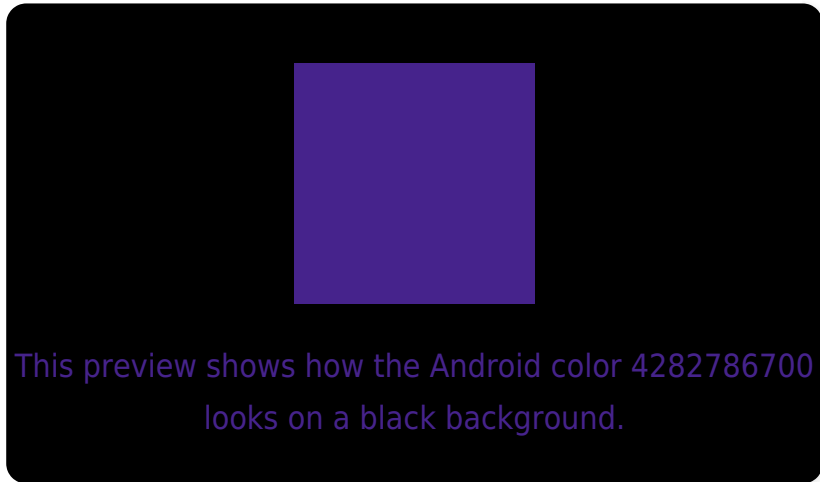
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282786700 Background



This preview shows how black text looks on a background with the Android color 4282786700.



This preview shows how white text looks on a background with the Android color 4282786700.

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
4282786700

Protanopia
4278205050

Deuteranopia
4278205801

Trichromacy



Original Color
4282786700

Protanomaly
4279841409

Deuteranomaly
4279841910

Tritanomaly
4281939038

Monochromacy



Original Color
4282786700

Achromatopsia
4281940281

Achromatomaly
4282265943

CSS Examples

Text

The CSS property to change the color of the text to Android 4282786700 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(70, 35, 140)` looks like.

```
.text, #text, p{  
    color:rgb(70, 35, 140)  
}
```

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(70, 35, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 35, 140) }
```

Border

The CSS property to change the border of an element to Android 4282786700 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(70, 35, 140) }
```

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

```
.border{ border-color:rgb(70, 35, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 35, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 35, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 35, 140);  
box-shadow:4px 4px 4px 4px rgb(70, 35,  
140) }
```

Background

The CSS property to change the background color of an element to Android 4282786700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 35, 140) }
```

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

```
.background{ background-color: rgb(70, 35,  
140) }
```

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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