

Converting Colors

Android(4284966828)

Have a look what the booklet for
Android(4284966828) contains.

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Color

Android(4284966828)

Conversions

Conversions Part 1

Format	Color
Hex	6767AC
RGB	103, 103, 172
RGB Percent	40%, 40%, 67%
CMY	0.5961, 0.5961, 0.3255
CMYK	0.40, 0.40, 0.00, 0.33
HSL	240°, 29%, 54%
HSV	240°, 40%, 67%
XYZ	17.8902, 15.5626, 41.0907
YIQ	110.8660, -22.1490, 21.4590

Conversions

Conversions Part 2

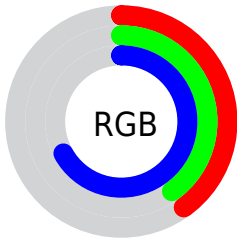
Format	Color
R_{YB}	103, 103, 172
Decimal	6776748
CIE _{Lab}	46.40, 17.60, -36.95
CIE _{LCh}	46, 40.930, 295.470
Yxy	15.5626, 0.2400, 0.2088
Android (android.graphics.Color)	4284966828 (0xFF6767AC)
YUV	110.8660, 30.1391, -6.8985
Hunter-Lab	39.4495, 11.9123, -34.1420

Details

The Android color `4284966828` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289506407`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4288518884`, and `4281546871` is the 20% darker color. If you saturate the color by 10%, you get `4283848364`, and if you desaturate by 10%, it is `4286085292`.

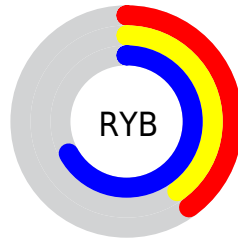
Distribution



Red (40%)

Green (40%)

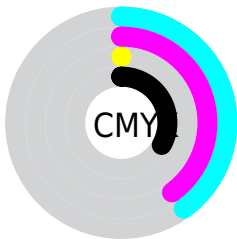
Blue (67%)



Red (40%)

Yellow (40%)

Blue (67%)

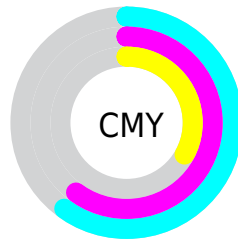


Cyan (40%)

Magenta (40%)

Yellow (0%)

Black (33%)



Cyan (60%)

Magenta (60%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284966828 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 4284966828 by changing the saturation by 10% instead.

■ 4284966828

■ 4284966828

4294967295

■ 4283256721

■ 4288518884

■ 4281546871

■ 4290360831

■ 4279640926

■ 4292202751

■ 4278193990

■ 4294110719

■ 4278190639

■ 4278190361

■ 4278190080

■ 4284966828

■ 4284966828

■ 4283848364

■ 4286085292

■ 4282729900

■ 4287203756

■ 4281545644

■ 4288388012

■ 4280427180

■ 4289506476

■ 4279308716

■ 4290624940

■ 4278190252

■ 4291743404

■ 4292861868

■ 4294046124

■ 4294967212

Harmonies

Analogous

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



4278481842



4284966828



4287846805

Triad

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



4284966828



4288634166



4278222695

Complementary

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



4284966828



4289506407

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.



4281957189



4284966828



4286999078

Square

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



4284966828



4289548882



4284773676



4278222730

Rectangle

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



4284966828



4288959104



4284773676



4278222428

Sweetspot

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



4284966828



4291151328



4284984492



4284506224



4293980400



4285558896

Same Dimension

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



4284966828



4285887968



4287260588



4283321943



4278190230



4278190103

Inverse Universe

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



4289488812



4292900320



4287278183



4283911767



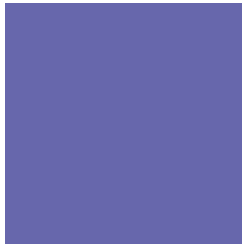
4288020630



4279697431

Previews

White Background



This preview shows how the Android color 4284966828 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 × Fail

Black Background



This preview shows how the Android color 4284966828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4284966828 Background



This preview shows how black text looks on a background with the Android color 4284966828.

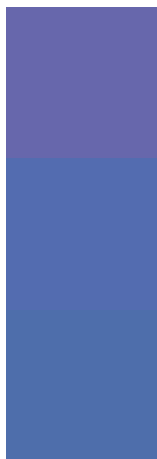


This preview shows how white text looks on a background with the Android color 4284966828.

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

4284966828

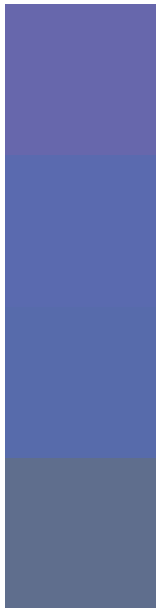
Protanopia

4283657392

Deuteranopia

4283330219

Trichromacy



Original Color
4284966828

Protanomaly
4284115631

Deuteranomaly
4283919275

Tritanomaly
4284444301

Monochromacy



Original Color
4284966828

Achromatopsia
4285493103

Achromatomaly
4285295749

CSS Examples

Text

The CSS property to change the color of the text to Android 4284966828 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(103, 103, 172)` looks like.

```
.text, #text, p{  
    color:rgb(103, 103, 172)  
}
```

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(103, 103, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 103, 172) }
```

Border

The CSS property to change the border of an element to Android 4284966828 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(103, 103, 172) }
```

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

```
.border{ border-color:rgb(103, 103, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 103, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 103, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 103, 172);  
box-shadow:4px 4px 4px 4px rgb(103, 103,  
172) }
```

Background

The CSS property to change the background color of an element to Android 4284966828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 103, 172) }
```

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

```
.background{ background-color: rgb(103,  
103, 172) }
```

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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