

Converting Colors

Android(4284826790)

Have a look what the booklet for
Android(4284826790) contains.

Android(4284826790)	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(4284826790)

Conversions

Conversions Part 1

Format	Color
Hex	6544A6
RGB	101, 68, 166
RGB Percent	40%, 27%, 65%
CMY	0.6039, 0.7333, 0.3490
CMYK	0.39, 0.59, 0.00, 0.35
HSL	260°, 42%, 46%
HSV	260°, 59%, 65%
XYZ	14.3169, 9.6541, 37.1852
YIQ	89.0390, -11.7900, 37.4740

Conversions

Conversions Part 2

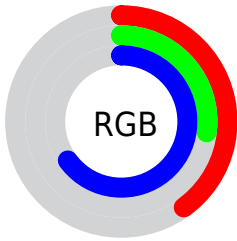
Format	Color
R_{YB}	101, 68, 166
Decimal	6636710
CIE _{Lab}	37.21, 36.66, -48.05
CIE _{LCh}	37, 60.439, 307.345
Yxy	9.6541, 0.2341, 0.1579
Android (android.graphics.Color)	4284826790 (0xFF6544A6)
YUV	89.0390, 37.9418, 10.4898
Hunter-Lab	31.0711, 27.8746, -49.2073

Details

The Android color `4284826790` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4286948932`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4288444126`, and `4281276017` is the 20% darker color. If you saturate the color by 10%, you get `4284101542`, and if you desaturate by 10%, it is `4285552038`.

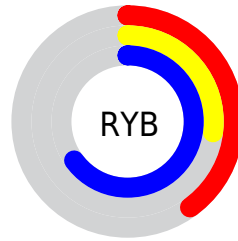
Distribution



Red (40%)

Green (27%)

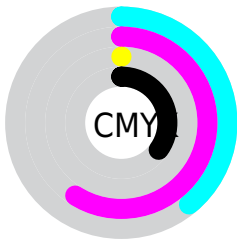
Blue (65%)



Red (40%)

Yellow (27%)

Blue (65%)

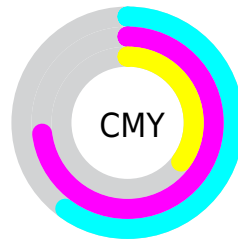


Cyan (39%)

Magenta (59%)

Yellow (0%)

Black (35%)



Cyan (60%)

Magenta (73%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284826790 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 4284826790 by changing the saturation by 10% instead.

 4284826790

 4284826790

4294967295

 4283051403

 4288444126

 4281276017

 4290285819

 4279107672

 4292127487

 4278190144

 4294100735

 4278190889

 4294959871

 4278190355

 4278190080

 4284826790

 4284826790

 4284101542

 4285552038

■ 4283376550

■ 4286277030

■ 4282651302

■ 4287002278

■ 4281926310

■ 4287727270

■ 4281860262

■ 4288452518

■ 4289177766

■ 4289902758

■ 4290628006

■ 4291352998

Harmonies

Analogous

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



4278213306



4284826790



4288226686

Triad

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



4284826790



4287121152



4278217827

Complementary

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



4284826790



4286948932

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.



4278217263



4284826790



4284569856

Square

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



4284826790



4288883743



4280902912



4278217874

Rectangle

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



4284826790



4289205086



4280902912



4278217810

Sweetspot

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



4284826790



4290753241



4282680742



4284372590



4293783021



4285427310

Same Dimension

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



4284826790



4285743065



4288038054



4283386964



4281467028



4278648852

Inverse Universe

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



4289086597



4292427685



4283737668



4283714641



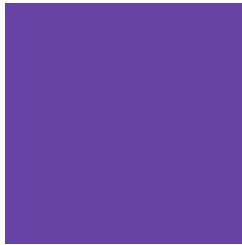
4287889506



4279500814

Previews

White Background



This preview shows how the Android color 4284826790 looks on a white background.

Color Contrast Check

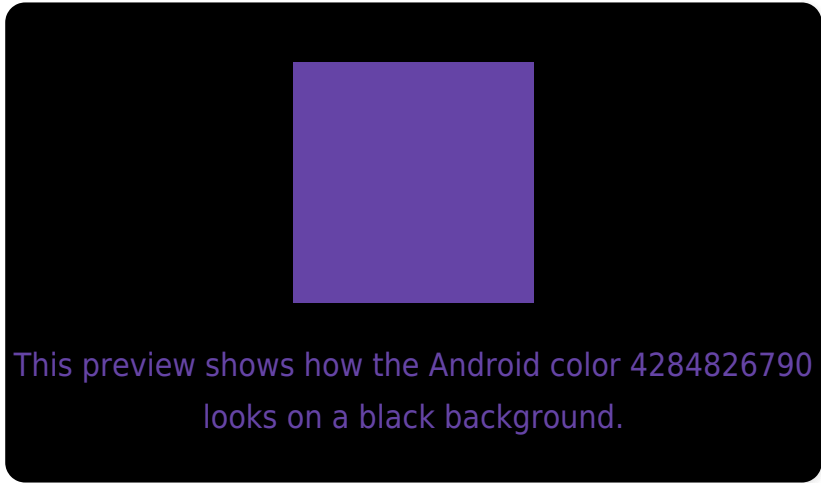
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284826790 Background



This preview shows how black text looks on a background with the Android color 4284826790.

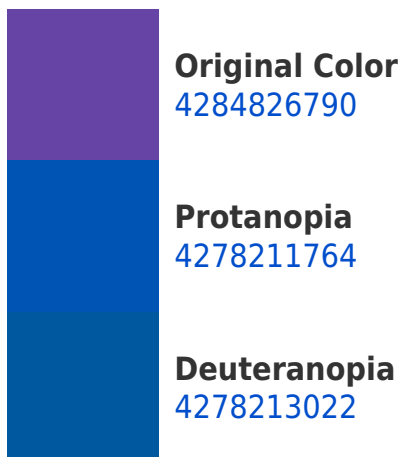


This preview shows how white text looks on a background with the Android color 4284826790.

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



Trichromacy



Original Color

4284826790



Protanomaly

4280635055



Deuteranomaly

4280635809



Tritanomaly

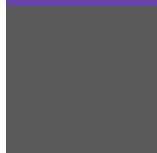
4284174713

Monochromacy



Original Color

4284826790



Achromatopsia

4284045657



Achromatomaly

4284305781

CSS Examples

Text

The CSS property to change the color of the text to Android 4284826790 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(101, 68, 166)` looks like.

```
.text, #text, p{  
    color:rgb(101, 68, 166)  
}
```

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(101, 68, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 68, 166) }
```

Border

The CSS property to change the border of an element to Android 4284826790 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(101, 68, 166) }
```

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

```
.border{ border-color:rgb(101, 68, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 68, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 68, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 68, 166);  
box-shadow:4px 4px 4px 4px rgb(101, 68,  
166) }
```

Background

The CSS property to change the background color of an element to Android 4284826790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 68, 166) }
```

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

```
.background{ background-color: rgb(101, 68,  
166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor