

Converting Colors

Android(4286085290)

Have a look what the booklet for
Android(4286085290) contains.

Android(4286085290)	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(4286085290)

Conversions

Conversions Part 1

Format	Color
Hex	7878AA
RGB	120, 120, 170
RGB Percent	47%, 47%, 67%
CMY	0.5294, 0.5294, 0.3333
CMYK	0.29, 0.29, 0.00, 0.33
HSL	240°, 23%, 57%
HSV	240°, 29%, 67%
XYZ	21.7179, 20.3283, 40.8093
YIQ	125.7000, -16.0500, 15.5500

Conversions

Conversions Part 2

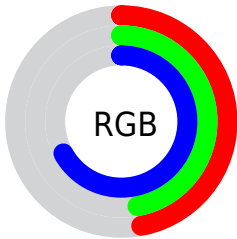
Format	Color
R_{YB}	120, 120, 170
Decimal	7895210
CIE _{Lab}	52.21, 11.68, -26.60
CIE _{LCh}	52, 29.055, 293.712
Yxy	20.3283, 0.2621, 0.2453
Android (android.graphics.Color)	4286085290 (0xFF7878AA)
YUV	125.7000, 21.8399, -4.9989
Hunter-Lab	45.0869, 7.0795, -22.1041

Details

The Android color `4286085290` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4289374840`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4289572065`, and `4282796150` is the 20% darker color. If you saturate the color by 10%, you get `4284966826`, and if you desaturate by 10%, it is `4287203754`.

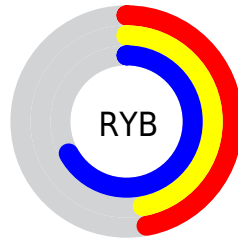
Distribution



Red (47%)

Green (47%)

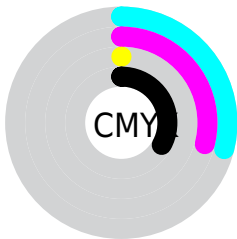
Blue (67%)



Red (47%)

Yellow (47%)

Blue (67%)

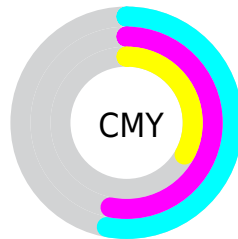


Cyan (29%)

Magenta (29%)

Yellow (0%)

Black (33%)



Cyan (53%)

Magenta (53%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286085290 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 4286085290 by changing the saturation by 10% instead.

■ 4286085290

■ 4286085290

4294967295

■ 4284374927

■ 4289572065

■ 4282796150

■ 4291414014

■ 4281151837

■ 4293321983

■ 4279573573

■ 4278190638

■ 4278190361

■ 4278190080

■ 4286085290

■ 4286085290

■ 4284966826

■ 4287203754

■ 4283848362

■ 4288322218

■ 4282729898

■ 4289440682

■ 4281611434

■ 4290559146

■ 4280492970

■ 4291677610

■ 4279374506

■ 4292796074

■ 4278256042

■ 4293914538

■ 4278190250

■ 4294967210

Harmonies

Analogous

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



4283466158



4286085290



4288114586

Triad

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



4286085290



4288966997



4282157686

Complementary

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



4286085290



4289374840

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.



4284254046



4286085290



4287789387

Square

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



4286085290



4289555050



4286153038



4280126096

Rectangle

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



4286085290



4289031051



4286153038



4282878318

Sweetspot

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



4286085290



4291480286



4286098090



4284769392



4293980400



4285558896

Same Dimension

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



4286085290



4287664350



4287723690



4283190356



4278190228



4278190100

Inverse Universe

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



4289362090



4292776158



4287736440



4283714644



4287889556



4279500820

Previews

White Background



This preview shows how the Android color 4286085290 looks on a white background.

Color Contrast Check

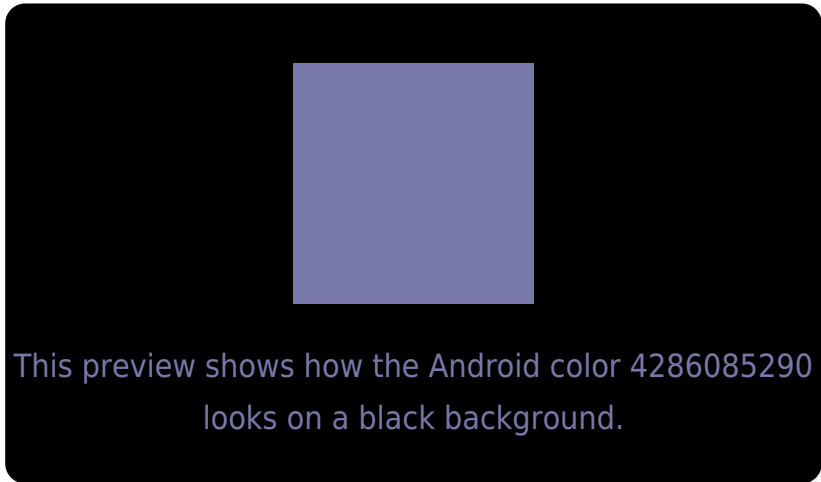
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4286085290 Background



This preview shows how black text looks on a background with the Android color 4286085290.



This preview shows how white text looks on a background with the Android color 4286085290.

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

4286085290

Protanopia

4285430700

Deuteranopia

4285496233

Trichromacy



Original Color
4286085290

Protanomaly
4285692587

Deuteranomaly
4285692585

Tritanomaly
4285824148

Monochromacy



Original Color
4286085290

Achromatopsia
4286479998

Achromatomaly
4286348430

CSS Examples

Text

The CSS property to change the color of the text to Android 4286085290 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(120, 120, 170)` looks like.

```
.text, #text, p{  
    color:rgb(120, 120, 170)  
}
```

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(120, 120, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 120, 170) }
```

Border

The CSS property to change the border of an element to Android 4286085290 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(120, 120, 170) }
```

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

```
.border{ border-color:rgb(120, 120, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 120, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 120, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 120, 170); box-shadow:4px 4px 4px 4px rgb(120, 120, 170) }
```

Background

The CSS property to change the background color of an element to Android 4286085290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 120, 170) }
```

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

```
.background{ background-color: rgb(120,  
120, 170) }
```

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